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OFFICE OF NAVAL RESEARCH

CONTRACT N00014-74-C-0281
TASK NO. NR 105-774

FINAL REPORT

DEVELOPMENT OF AN INVENTORY OF OPERATIONAL DATA BASES

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Volume Two
Inventory of
Operational Data Bases

1 February 1976

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VOLUME TWO

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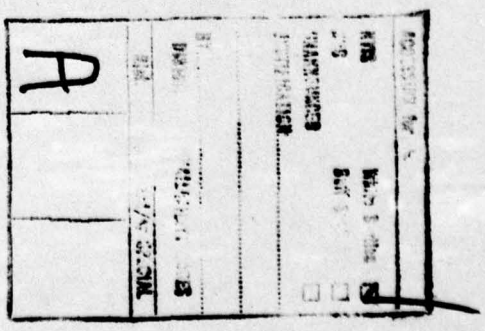


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VOLUME TWO

PREFACE

This Volume contains the inventory of BUMED selected Navy and Marine Corps operational automated data processing systems and their data bases. This inventory was compiled by DOT Systems, Inc., under the Office of Naval Research contract N00014-74-C-0281 (Task Number NR 105-774), "To Develop an Inventory of Operational Data Bases".

This Volume is supported by a separately bound volume entitled "Volume One, Final Report, Narrative Discussion".

Volume Two is organized in three sections as follows:

- Section I contains a keyword index of system applications by subject and function (manpower requirements, personnel accounting, facility specifications, etc.) and title of related systems.
- Section II contains descriptions of those systems selected by the Surface Medicine Division (Code 52), BUMED, Bureau of Medicine Surgery, for detailed documentation in Phase 2 of the contract effort. Systems are arranged in alphabetical order of titles.
- Section III contains descriptions of those systems identified as possible candidates for detailed documentation in Phase 2 of the contract effort, but which were not selected for Phase 2 documentation by the Surface Medicine Division (Code 52), Bureau of Medicine and

Surgery. Systems are arranged in alphabetical order of titles.

Individual systems are presented as separate, stand-alone packages within Sections II and III. To facilitate use, all figures supporting a system's description in Section II are presented following the narrative description. Page numbering conforms to this individualized organization, in that each system's documentation is paginated by using the system acronym followed by the page's sequence number, e.g., pages in the Navy's Manpower and Personnel Information System (MAPMIS) are numbered MAPMIS-1, MAPMIS-2, etc. This organization provides flexibility for future use and reorganization, in the event that additional systems are included in the inventory. This pagination is in addition to the sequential pagination within the section (e.g. II-A-1, II-A-2, II-B-1, II-B-2, etc.) which is retained to facilitate system description location when using the table of contents or the subject/function index.

SECTION I

SUBJECT/FUNCTION INDEX

Introduction

This section contains a keywork index of systems application by subject and function (manpower requirements, personnel accounting, facilities specifications, etc.) and the title of related systems. Arrangement within the index is alphabetically by subject, then alphabetically by function as presented in the DOD catalog LSPC 3-70-1. In some cases the DOD catalog LSPC 3-70-1 subject/function keywords do not aptly describe the system. In these cases keywords have been used to supplement those presented in DOD catalog LSPC 3-70-1. Systems are Navy managed unless indicated as Marine Corps in the system title.

SUBJECT	FUNCTION	SYSTEM TITLE	PAGE
Accounts, money	Budgeting	CNOCOM/MIS Data Base Funding	III-B-1
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Accounts, money	Costing	MAPMIS Fiscal System	II-G-1
Accounts, money	Processing requirements	MAPMIS Fiscal System	II-G-1
Accounts, money	Storing, retrieving, and reporting data	MAPMIS Fiscal System	II-G-1
Accounts, money	Updating records	MAPMIS Fiscal System	II-G-1
Action sheets	Administrative support	CNO/VCNO Action Sheet Retrieval System	II-C-1
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Catalog	Systems identification	Marine Corps Management Information System	III-S-1
Data Systems	Determining requirements	Computer Aided Ship Design and Construction	III-D-1
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Environment	Administrative support	Environmental Quality Data System	II-F-1

SUBJECT	FUNCTION	SYSTEM TITLE	PAGE
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Facilities	Administration	Civil Engineer Support/Management Information System	II-B-1
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Facilities	Management	Civil Engineer Support/Management Information System	II-B-1
Facilities, medical	Administering and Supporting	Navy Medical Information System	III-L-1
Facilities, medical	Administering and Supporting	Inpatient Data System	III-F-1
Facilities, medical	Determining requirements	Medical Facilities Planning System	III-H-1
Facilities, medical	Retrieving and reporting data	Medical Facilities Planning System	III-H-1
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Funds	Processing requirements	MAPMIS Fiscal System	II-G-1
Funds	Storing, retrieving, and reporting	MAPMIS Fiscal System	II-G-1

SUBJECT	FUNCTION	SYSTEM TITLE	PAGE
Funds	Updating records	MAPMIS Fiscal System	II-G-1
Materiel	Administration	Civil Engineer Support/Management Information System	II-B-1
Materiel	Analyzing operations	Strategic Capabilities Planning Support System	III-P-1
Materiel	Determining requirements	Construction, Automotive, and Special Equipment/Management Information System	II-D-1
Materiel	Developing plans	Strategic Capabilities Planning Support System	III-P-1
Materiel	Maintaining	Construction, Automotive, and Special Equipment/Management Information System	II-D-1
Materiel	Management	Civil Engineer Support/Management Information System	II-B-1
Materiel	Management	Construction, Automotive, and Special Equipment/Management Information System	II-D-1
Materiel	Store, retrieve, and report	CNOCOM/MIS QUIKREP Retrieval System	III-C-1
Materiel	Supplying	Civil Engineer Support/Management Information System	II-B-1
Materiel, major ships	Acquiring	Computer Aided Ship Design and Construction	III-D-1

SUBJECT	FUNCTION	SYSTEM TITLE	PAGE
Materiel, major ships	Determining requirements	Computer Aided Ship Design and Construction	III-D-1
Materiel, major ships	Researching, developing, testing, and evaluating	Computer Aided Ship Design and Construction	III-D-1
Military Operations	Command, control, and operations	Marine Automated Readiness Evaluation Systems/Force Status and Identity Report (FORSTAT)	III-R-1
Military Operations	Command, control, and operations	Joint Operation Planning System (Marine Corps)	III-Q-1
Military Operations	Analyzing operations	Readiness Analysis Trends	II-J-1
Military Operations	Determining readiness	Readiness Analysis Trends	II-J-1
Military Operations	Forecasting	Readiness Analysis Trends	II-J-1
Militay Operations	Retrieve and report	CNOCOM/MIS QUIKREP Retrieval System	III-C-1
Operating Units	Retrieve and report	CNOCOM/MIS QUIKREP Retrieval System	III-C-1
Personnel	Administration	Civil Engineer Support/ Management Information System	II-B-1
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SUBJECT	FUNCTION	SYSTEM TITLE	PAGE
Personnel	Paying	Navy Finance Information System	III-K-1
Personnel, medical	Determining requirements	Navy Medical Information System	III-L-1
Personnel, medical	Classifying, categorizing, and sorting	Bureau of Medicine and Surgery Management Information System	III-A-1
Personnel, medical	Classifying, categorizing, and sorting	Medical Manpower Management System	III-I-1
Personnel, medical	Retrieving and reporting	Bureau of Medicine and Surgery Management Information System	III-A-1
Personnel, medical	Retrieving and reporting	Medical Manpower Management System	III-I-1
Personnel, military	Determining requirements	Table of Manpower Requirements (Marine Corps)	II-O-1
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Personnel, military	Storing, retrieving, and reporting requirements	MAPMIS Manpower Requirements System	II-H-1
Personnel, military	Updating requirements	MAPMIS Manpower Requirements System	II-H-1

SUBJECT	FUNCTION	SYSTEM TITLE	PAGE
Personnel, military, enlisted	Administering enlisted	MAPMIS Enlisted Personnel System	II-E-1
Personnel, military, enlisted	Classifying and categorizing	MAPMIS Enlisted Personnel System	II-E-1
Personnel, military, enlisted	Determining requirements	MAPMIS Enlisted Personnel System	II-E-1
Personnel, military, enlisted	Storing, retrieving, and reporting	MAPMIS Enlisted Personnel System	II-E-1
Personnel, military, enlisted	Supporting	MAPMIS Enlisted Personnel System	II-E-1
Personnel, military, officer	Administering	MAPMIS Officer Personnel System	II-I-1
Personnel, military, officer	Classifying and categorizing	MAPMIS Officer Personnel System	II-I-1
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SUBJECT	FUNCTION	SYSTEM TITLE	PAGE
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Personnel, military, officer	Supporting	MAPMIS Officer Personnel System	II-I-1
Personnel, military, reserve	Recording and accounting	Reserve Personnel Management Information System (Marine Corps)	II-M-1
Personnel, military, reserve	Classifying	MAPMIS Reserve Personnel System	II-K-1
Personnel, military, reserve	Storing, retrieving and reporting	MAPMIS Reserve Personnel System	II-K-1
Personnel, military, reserve	Updating	MAPMIS Reserve Personnel System	II-K-1
Personnel, military, retired	Paying	Retired Pay/Personnel System (Marine Corps)	II-N-1

SUBJECT	FUNCTION	SYSTEM TITLE	PAGE
Safety	Records and information retrieval	Navy Safety System	III-M-1
Services, financial	Administering and supporting	Joint Uniform Military Pay System	III-G-1
Services, financial	Disbursing, retrieving, reporting, and administrative support	Navy Finance Information System	III-K-1
Personnel, military	Paying	Joint Uniform Military Pay System	III-G-1
Services, dental	Administering and supporting	Dental Information Reporting System	III-E-1
Services, dental	Reporting and retrieving information	Dental Information Reporting System	III-E-1
Services, dental	Retrieving and reporting data	Dental Information Reporting System	III-E-1
Services, medical	Determining requirements	Navy Medical Information System	III-L-1
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Services, medical	Patient treatment information	Inpatient Data System	III-F-1
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SUBJECT	FUNCTION	SYSTEM TITLE	PAGE
Ships	Budgeting	Ship Management Information System	III-N-1
Ships	Determining quantity requirements	Amphibious Lift File	II-A-1
Ships	Determining requirements	Ship Management Information System	III-N-1
Ships	Procurement	Amphibious Lift File	II-A-1
Ships	Retrieve and report information	CNOCOM/MIS QUIKREP Retrieval System	III-C-1
Ships	Transporting	Amphibious Lift File	II-A-1
Ships, merchant	Determining requirements	Shipping Information System	III-O-1
Ship, merchant	Transporting	Shipping Information System	III-O-1
Systems	Catalog information	Marine Corps Management Information System	III-S-1

SECTION II

PHASE 2 DOCUMENTED SYSTEMS

Introduction

This section contains descriptions of those systems selected for Phase 2 detailed documentation by the Surface Medicine Division (Code 52), Bureau of Medicine and Surgery. Descriptions are arranged in alphabetical order of system titles with the Navy systems appearing first followed by those of the Marine Corps.

NAVY SYSTEM DESCRIPTION

SYSTEM TITLE: Amphibious Lift File ACRONYM: ALF

DOD ADPS/ADS/IDENTIFIER CODE: N526/N526/N63165Q504

REFERENCES: NAVCOSSACT ADP Catalog No. 552B700

PARENT SYSTEM: Chief of Naval Operations Command/Management Information System

MANAGER: Deputy Chief of Naval Operations (Surface Warfare)
Washington, D. C. 20350
Telephone: 697-6437 (Op-03A)

CONTACT POINT: Amphibious Warfare Branch (Op-323)
Surface Warfare Division
ODCNO (Surface Warfare)
Telephone: 697-2450

SUBJECT/FUNCTIONS: Ships/Determine Quantity Requirements, Allocate Resources/Procurement, Transporting

SYSTEM CHARACTERTISTICS:

General: Provides the DCNO (SW) (Op-323) with the ability to quickly determine the lift capability of various mixes or groupings of ships. The data base consists of a single data file in an indexed sequential format with fixed record lengths. Each record represents an amphibious class ship, its status (active or reserve), the inventory of ships projected five years, and the "lift fingerprints" of each class ship. The general system flow is depicted schematically at figure 1 on page ALF-4.

Input: Upon activation of the system, a data base was established consisting of an Amphibious Lift Capability File (AFLC). This file, in indexed sequential format with fixed record lengths, contains a record of each amphibious class ship, its status (active or reserve), the inventory of ships (current and planned) including a breakdown between Pacific and Atlantic Fleets, and the fingerprints of each class ship. The data elements which are filed for each class ship are shown at figure 2 on page ALF-5. The currency of the file is maintained through the input of information of any change in ship class fingerprint which is received by the Amphibious Warfare Branch (Op-323), DCNO (SW) or any change in status which is generated by the CNO staff, including OP-323, and approved by the CNO.

Each Amphibious Force ship of the Navy is required to report to Op-323, any change in its lift capacity of troops, helicopters, and/or boats and any change in the square feet of

vehicle space and cubic feet of available cargo space resulting from any modifications of its configuration. Personnel of Op-323 contribute to and/or are kept abreast of CNO-level decisions which are made affecting the current and planned status of Amphibious Force ships (active or reserve) and any changes in the current and planned assignment of the ships (Atlantic or Pacific Fleet). Personnel of Op-323 are also kept abreast of actions, such as the planning, programming, and procurement of new amphibious ships and schedules for the decommissioning of older ones.

Changes to the data base file (AFLC) are initiated by personnel of Op-323, the system user, by inserting change information on a transcript form, a copy of which is illustrated at figure 6 on page ALF-6. Record additions, deletions, or element modifications require the insertion of operation codes "A", "D" or "E" respectively in column 1 of the forms with any data field changes being indicated in the data element columns which follow. The letter "P" in column 1 signals a data base printout.

Processing: The completed data base maintenance transcript form is passed by Op-323 personnel to NAVCOSSACT (Code 60.5) personnel in the Navy Pentagon Computer Service (NAVPECOS) for keypunch of cards which, when read into the system activate a maintenance program file which acts to make whatever changes in the existing AFLC file are indicated in the card deck. When the maintenance run is completed, the revised AFLC file is available for the generation of reports with current Amphibious Force lift capability information.

Output: The output of the Amphibious Lift File System consists of three reports which can be generated through the use of an AFLC program file and two types of reports generated by an AFLCSS program file. All reports are generated on an "as required" basis. The AFLC reports are the (1) Fleet Report, (2) Fleet Split Report, and (3) Ship Capacity Tables. The first two of the reports are initiated by entering a coded sequence into the system from either the NAVPECOS or a remote terminal in Op-323. The third report, a batch only report, is initiated by NAVCOSSACT personnel in NAVPECOS when requested by Op-323. Illustrations of these three reports appear as figures 4, 5, and 6 of this system description. The two types of reports generated through the use of the AFLCSS program file are the (1) Selected Ship Report and (2) Split Selected Ship Report. Both of these reports may be generated in either the batch or demand modes. As their names indicate, these reports give information on the lift capacity of any quantity and mix of ships selected by the user showing the total of the lift capacity of these ships of the Atlantic and Pacific Fleets either together or separately (the latter in the Split Selected Ship Report). An example of each of these reports as they are displayed at a remote terminal is illustrated at figures 7 and 8. The illustrations show both the inquiry statements

(that information which precedes the "@EOF" line) and the reports themselves. Reponses to demands for any of the reports occur in five seconds.

INTERFACES: Not indicated.

USER: Amphibious Warfare Branch (Op-323)
ODCNO (Surface Warfare)

INPUT SOURCES: As indicated in the "Input Section" above.

METHOD FOR ACCESSING: Address request to the system's contact point.

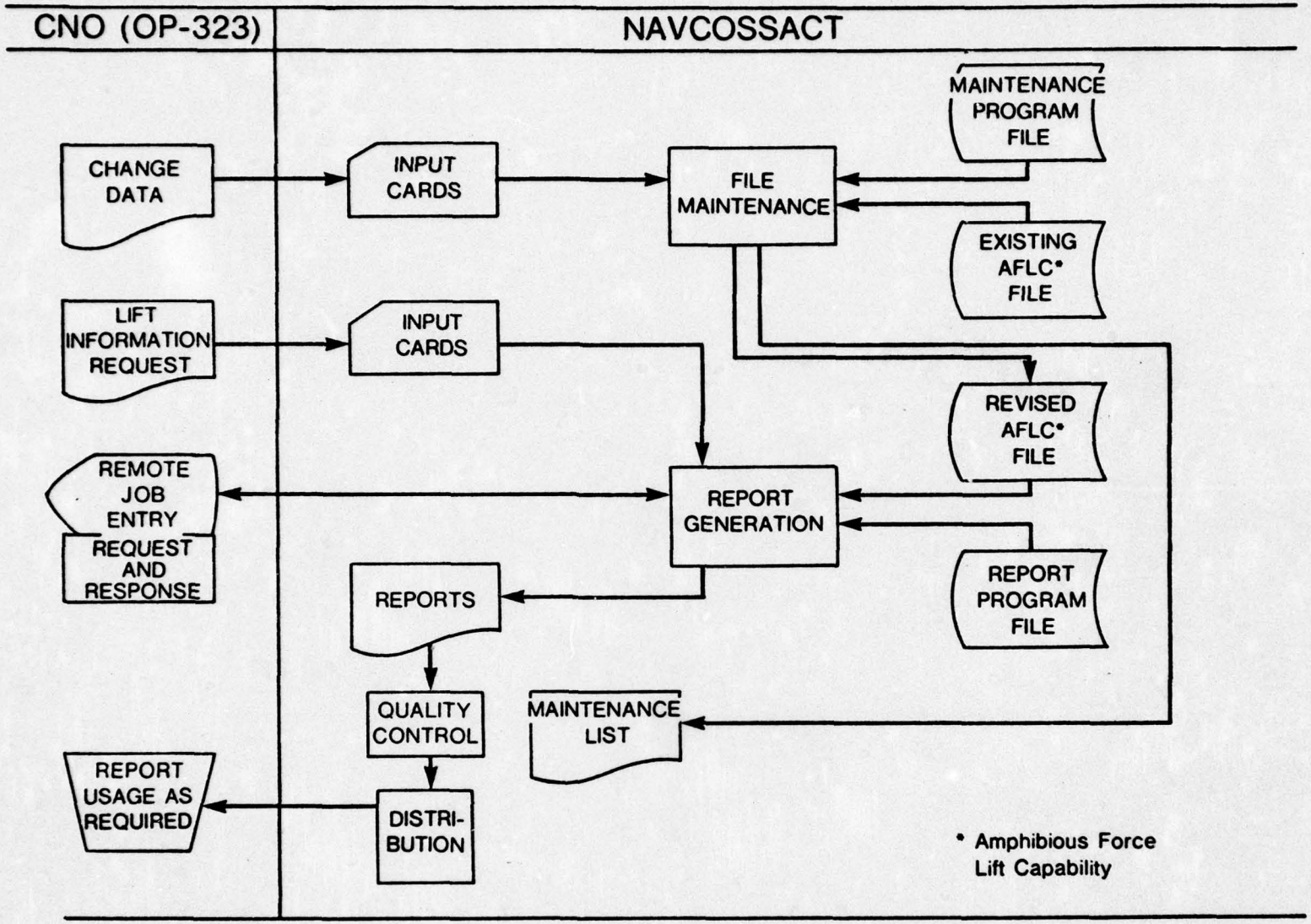


Figure 1. Amphibious Lift File System Flow

Element Name	Display Format*	Element Description
Ship-Stat	A	Ship Status (Active (A) or Reserve (R))
Shiptype	X(15)	Shiptype
Q-FY1-L	99	Qty. Fiscal Year 1, LANTFLT
Q-FY1-P	99	Qty. Fiscal Year 1, PACFLT
Q-FY1-T	99	Qty. Fiscal Year 1, Total
Q-FY2-L	99	Qty. Fiscal Year 2, LANTFLT
Q-FY2-P	99	Qty. Fiscal Year 2, PACFLT
Q-FY2-T	99	Qty. Fiscal Year 2, Total
Q-FY3-L	99	Qty. Fiscal Year 3, LANTFLT
Q-FY3-P	99	Qty. Fiscal Year 3, PACFLT
Q-FY3-T	99	Qty. Fiscal Year 3, Total
Q-FY4-L	99	Qty. Fiscal Year 4, LANTFLT
Q-FY4-P	99	Qty. Fiscal Year 4, PACFLT
Q-FY4-T	99	Qty. Fiscal Year 4, Total
Q-FY5-L	99	Qty. Fiscal Year 5, LANTFLT
Q-FY5-P	99	Qty. Fiscal Year 5, PACFLT
Q-FY5-T	99	Qty. Fiscal Year 5, Total
Troops	9(6)	Troop Capacity
Square	9999V9	Sq. ft. of Vehicle Space (in thousands)
Cubic	99999V9	Cubic Feet of Space (in thousands)
Helos	999	Maximum Number of Helos Carried
Boats	999	Maximum Number of Boats Carried

* 9 - numeric character, X - alphanumeric character, A - alphabetic character, and V - implied decimal point

Figure 2. Data File Elements

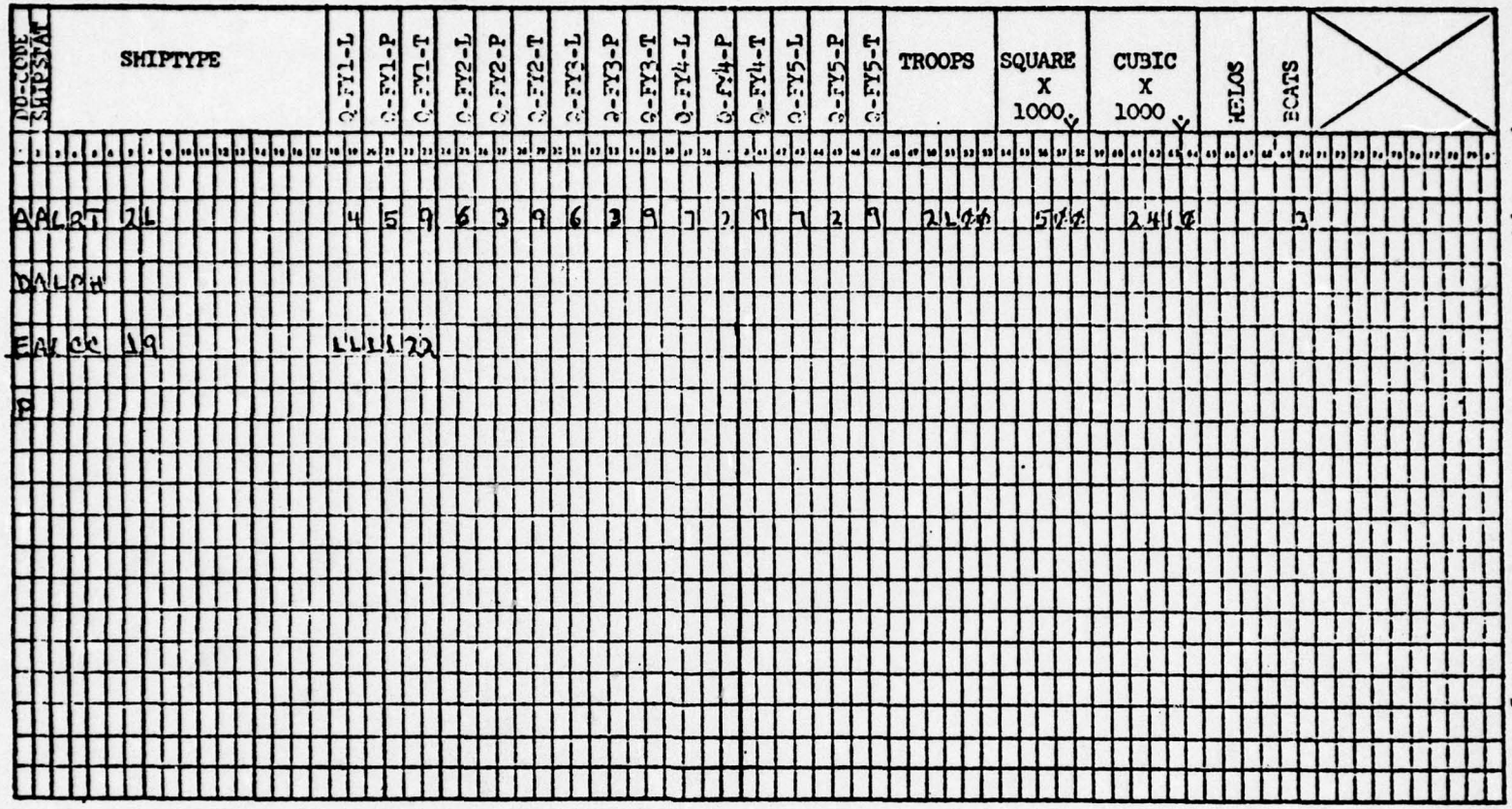


Figure 3. Data Base Maintenance Transcript Form

LIFT CAPABILITIES

SHIPTYPE & CLASS	QTY	TROOPS	FY-73 SQUARE X 1000	CUBIC X 1000	H	B
LCC 19	5	1250	10.0	0.0	0	0
LHA 6	15	30000	750.0	2250.0	750	600
LKA 112	2	700	51.0	111.0	0	20
LKA 113	12	3000	600.0	906.0	120	0
LPA 248	4	7200	42.0	80.8	0	40
LPD 1	6	6000	90.6	150.0	24	66
LPD 4	15	14850	255.0	631.5	60	165
LPH	8	17600	56.8	335.2	256	0
LPSS (CONV)	3	300	0.0	0.0	0	0
LSD 28	10	4000	150.0	45.0	0	180
LSD 36	4	1500	56.0	14.0	4	76
LST 1156	19	7600	286.9	47.5	0	38
LST 1173	10	7000	162.0	44437.0	20	0
LST 1179	25	11250	457.5	127.5	50	50
TOTAL (GROSS)	138	112250	2967.8	49135.5	284	235
TAC INTEG FACT	= 78		=12.58			
NET CAPACITY	107392		2596.8	49135.5	284	235
REQUIRED MAF	199998		1999.8	19999.8	198	198
% AVAILABILITY	52		130	246	143	119

Figure 4. Fleet Report Example

LIFT CAPABILITIES

FY-73 SHIPTYPE & CLASS	QTY	TROOPS	ATLANTIC SQUARE X 1000	CUBIC X 1000	M	B
LCC_{19}	2	500	4.0	0.0	0	0
LHA_{6}	10	20000	500.0	1500.0	500	400
LKA_{112}	1	350	25.5	55.5	0	10
LKA_{113}	6	1500	300.0	453.0	60	0
LPA_{248}	2	3600	21.0	40.4	0	20
LPD_{1}	3	3000	45.3	75.0	12	33
LPD_{4}	7	6930	119.0	294.7	28	77
LPH	4	8800	28.4	167.6	128	0
LPSS (CONV)	1	100	0.0	0.0	0	0
LSD_{28}	5	2000	75.0	22.5	0	90
LSD_{36}	2	750	28.0	7.0	2	38
LST_{1156}	9	3600	135.9	22.5	0	18
LST_{1173}	5	3500	81.0	22218.5	10	0
LST_{1179}	12	5400	219.6	61.2	24	24
TOTAL (GROSS)	69	60030	1582.7	24917.9	764	710
TAC INTEG FACT		.78	.12.58			
NET CAPACITY		55827	1384.8	24917.9	764	710
REQUIRED MAF		99999	999.9	9999.5	99	99
% AVAILABILITY		56	138	249	772	717

Figure 5. Fleet Split Report Example
(Page 1 of 2)

LIFT CAPABILITIES

FY-73 SHIPTYPE & CLASS	QTY	TROOPS	PACIFIC SQUARE X 1000	CUBIC X 1000	H	B
LCC 19	3	750	6.0	0.0	0	0
LHA 6	5	10000	250.0	750.0	250	200
LKA 112	1	350	25.5	55.5	0	10
LKA 113	6	1500	300.0	453.0	60	0
LPA 248	2	3600	21.0	40.4	0	20
LPD 1	3	3000	45.3	75.0	12	33
LPD 4	8	7920	136.0	336.8	32	88
LPH	4	8800	28.4	167.6	128	0
LPSS (CONV)	2	200	0.0	0.0	0	0
LSD 28	5	2000	75.0	22.5	0	90
LSO 36	2	750	28.0	7.0	2	38
LST 1156	10	4000	151.0	25.0	0	20
LST 1173	5	3500	81.0	22218.5	10	0
LST 1179	13	5850	237.9	66.3	26	26
TOTAL (GROSS)	69	52220	1385.1	24217.6	520	525
TAC INTEG FACT		.78	-12.5%			
NET CAPACITY		40569	1211.9	24217.6	520	525
REQUIRED MAF		199998	1999.8	19999.8	198	198
% AVAILABILITY		24	61	121	263	265

Figure 5. Fleet Split Report Example
(Page 2 of 2)

SHIP CAPACITY TABLES

LCC 19

QTY	TROOPS	SQUARE	CUBIC	M	B
1	250	2.0	0.0	0	0
2	500	4.0	0.0	0	0
3	750	6.0	0.0	0	0
4	1000	8.0	0.0	0	0
5	1250	10.0	0.0	0	0
6	1500	12.0	0.0	0	0
7	1750	14.0	0.0	0	0
8	2000	16.0	0.0	0	0
9	2250	18.0	0.0	0	0
10	2500	20.0	0.0	0	0
11	2750	22.0	0.0	0	0
12	3000	24.0	0.0	0	0
13	3250	26.0	0.0	0	0
14	3500	28.0	0.0	0	0
15	3750	30.0	0.0	0	0
16	4000	32.0	0.0	0	0
17	4250	34.0	0.0	0	0
18	4500	36.0	0.0	0	0
19	4750	38.0	0.0	0	0
20	5000	40.0	0.0	0	0

LHA 6

QTY	TROOPS	SQUARE	CUBIC	M	B
1	2000	50.0	150.0	50	40
2	4000	100.0	300.0	100	80
3	6000	150.0	450.0	150	120
4	8000	200.0	600.0	200	160
5	10000	250.0	750.0	250	200
6	12000	300.0	900.0	300	240
7	14000	350.0	1050.0	350	280
8	16000	400.0	1200.0	400	320
9	18000	450.0	1350.0	450	360
10	20000	500.0	1600.0	500	400
11	22000	550.0	1650.0	550	440
12	24000	600.0	1800.0	600	480
13	26000	650.0	1950.0	650	520
14	28000	700.0	2100.0	700	560
15	30000	750.0	2250.0	750	600
16	32000	800.0	2400.0	800	640
17	34000	850.0	2550.0	850	680
18	36000	900.0	2700.0	900	720
19	38000	950.0	2850.0	950	760
20	40000	1000.0	3000.0	0	800

LKA 112

QTY	TROOPS	SQUARE	CUBIC	M	B
1	350	25.5	55.6	0	10
2	700	51.0	111.0	0	20
3	1050	76.5	166.5	0	30
4	1400	102.0	222.0	0	40
5	1750	127.5	277.5	0	50
6	2100	153.0	333.0	0	60
7	2450	178.5	388.5	0	70
8	2800	204.0	444.0	0	80
9	3150	229.5	499.5	0	90
10	3500	255.0	555.0	0	100
11	3850	280.5	610.5	0	110
12	4200	306.0	666.0	0	120
13	4550	331.5	721.5	0	130
14	4900	357.0	777.0	0	140
15	5250	382.5	832.5	0	150
16	5600	408.0	888.0	0	160
17	5950	433.5	943.5	0	170
18	6300	459.0	999.0	0	180
19	6650	484.5	1054.5	0	190
20	7000	510.0	1110.0	0	200

LKA 113

QTY	TROOPS	SQUARE	CUBIC	M	B
1	250	50.0	75.5	10	0
2	500	100.0	151.0	20	0
3	750	150.0	226.5	30	0
4	1000	200.0	302.0	40	0
5	1250	250.0	377.5	50	0
6	1500	300.0	453.0	60	0
7	1750	350.0	528.5	70	0
8	2000	400.0	604.0	80	0
9	2250	450.0	679.5	90	0
10	2500	500.0	755.0	100	0
11	2750	550.0	830.5	110	0
12	3000	600.0	906.0	120	0
13	3250	650.0	981.5	130	0
14	3500	700.0	1057.0	140	0
15	3750	750.0	1132.5	150	0
16	4000	800.0	1208.0	160	0
17	4250	850.0	1283.5	170	0
18	4500	900.0	1359.0	180	0
19	4750	950.0	1434.5	190	0
20	5000	1000.0	1510.0	200	0

LPA 248

QTY	TROOPS	SQUARE	CUBIC	M	B
1	1800	10.5	20.2	0	10
2	3600	21.0	40.4	0	20
3	5400	31.5	60.6	0	30
4	7200	42.0	80.8	0	40
5	9000	52.5	101.0	0	50
6	10800	63.0	121.2	0	60
7	12600	73.5	141.4	0	70
8	14400	84.0	161.6	0	80
9	16200	94.5	181.8	0	90
10	18000	105.0	202.0	0	100
11	19800	115.5	222.2	0	110
12	21600	126.0	242.4	0	120
13	23400	136.5	262.6	0	130
14	25200	147.0	282.8	0	140
15	27000	157.5	303.0	0	150
16	28800	168.0	323.2	0	160
17	30600	178.5	343.4	0	170
18	32400	189.0	363.6	0	180
19	34200	199.5	383.8	0	190
20	36000	210.0	404.0	0	200

LPD 1

QTY	TROOPS	SQUARE	CUBIC	M	B
1	1000	15.1	25.0	4	11
2	2000	30.2	50.0	8	22
3	3000	45.3	75.0	12	33
4	4000	60.4	100.0	16	44
5	5000	75.5	125.0	20	55
6	6000	90.6	150.0	24	66
7	7000	105.7	175.0	28	77
8	8000	120.8	200.0	32	88
9	9000	135.9	225.0	36	99
10	10000	151.0	250.0	40	110
11	11000	166.1	275.0	44	121
12	12000	181.2	300.0	48	132
13	13000	196.3	325.0	52	143
14	14000	211.4	350.0	56	154
15	15000	226.5	375.0	60	165
16	16000	241.6	400.0	64	176
17	17000	256.7	425.0	68	187
18	18000	271.8	450.0	72	198
19	19000	286.9	475.0	76	209
20	20000	301.8	500.4	80	220

Figure 6. Example of Ship Capacity Table Batch Output

```
@RUN,/TP RRUIND,52B70000,52B7000,3,150 . NAME, TELEPHONE NUMBER
 DATE: 032972       TIME: 111342
 @ADD IPRUN.AFLCSS
 READY
 READY
 READY
 READY
 FURPUR 0021-03/29-11:14
 MAP 0022-03/29-11:14 -(0,)
 3 1000
                *
 LKA 113        040307
 LPD 1          070512
 LSD 28         020406
 @EOF
```

L I F T C A P A B I L I T I E S

SHIPTYPE & CLASS	QTY	TROOPS	SQUARE X 1000	CUBIC X 1000	H	B
LKA 113	7	1750	350.0	528.5	70	0
LPD 1	12	12000	181.2	300.0	48	132
LSD 28	6	2400	90.0	27.0	0	108
TOTAL (GROSS)	25	16150	621.2	855.5	118	240
TAC INTEG FACT		- 7%	-12.5%			
NET CAPACITY		15019	543.5	855.5	118	240
REQUIRED MAF		99999	999.9	9999.9	99	99
% AVAILABILITY		15	54	9	119	242

Figure 7. Selected Ship Report Example

```
@RUN,/TP RRUIND,5287000D,5287000,3,150 . NAME, TELEPHONE NUMBER
 DATE: 032972       TIME: 111927
@ADD IPRUN.AFLCSS
READY
READY
READY
READY
FURPUR 0021-03/29-11:19
MAP 0022-03/29-11:20 -(0,)
6 2000 1000
                *
LCC 19          030606
LPH             050712
LST 1179        020406
@EOF
```

L I F T C A P A B I L I T I E S

ATLANTIC

SHIPTYPE & CLASS	QTY	TROOPS	SQUARE X 1000	CUBIC X 1000	H	B
LCC 19	3	750	6.0	0.0	0	0
LPH	5	11000	35.5	209.5	160	0
LST 1179	2	900	36.6	10.2	4	4
TOTAL (GROSS)	10	12650	78.1	219.7	164	4
TAC INTEG FACT		- 7%	-12.5%			
NET CAPACITY		11764	68.3	219.7	164	4
REQUIRED MAF		199998	1999.8	19999.8	198	198
% AVAILABILITY		6	3	1	83	2

L I F T C A P A B I L I T I E S

PACIFIC

SHIPTYPE & CLASS	QTY	TROOPS	SQUARE X 1000	CUBIC X 1000	H	B
LCC 19	3	750	6.0	0.0	0	0
LPH	7	15400	49.7	293.3	224	0
LST 1179	4	1800	73.2	20.4	8	8
TOTAL (GROSS)	14	17950	128.9	313.7	232	8
TAC INTEG FACT		- 7%	-12.5%			
NET CAPACITY		16693	112.7	313.7	232	8
REQUIRED MAF		99999	999.9	9999.9	99	99
% AVAILABILITY		17	11	3	234	8

Figure 8. Split Selected Ship Report Example

NAVY SYSTEM DESCRIPTION

SYSTEM TITLE: Civil Engineer Support/Management Information System ACRONYM: CES/MIS

DOD ADPS/ADS/IDENTIFIER CODE: BOO/NG08/N62583G001-5

REFERENCES: Naval Facilities System (NFS) manual P-424, June 1974

PARENT SYSTEM: Naval Facilities System (NFS)

MANAGER: Commander
Naval Facilities Engineering Command (NAVFAC)
200 Stovall St. (Hoffman Bldg. 2)
Alexandria, Va. 22322
Telephone: 325-0401 (NFAC-00A)

POINT OF CONTACT: CBC Command Management Division (NFAC-065)
Assistant Commander for Military Readiness
Naval Facilities Engineering Command
200 Stovall St. (Hoffman Bldg. 2)
Alexandria, Va. 22322
Telephone: 325-8557

SUBJECT/FUNCTIONS: Material, Facilities, Personnel/Administration, Management, Supplying, Constructing.

SYSTEM CHARACTERISTICS:

General: The CES/MIS consists of various ADP applications which together (1) provide information needed to manage stocks and manpower resources which provide support to the Naval Construction Force (NCF), (2) provide operational commanders with information concerning capabilities and operational readiness of manpower in the NCF, and (3) provide management information data for material requirements for base development, logistics, and construction (to include hospitals). The latter data is contained in an Advanced Base Functional Components (ABFC) file which maintains an Advanced Base Functional Component Initial Outfitting List and produces a Facilities Planning guide and a Table of Advanced Base Functional Components which includes a medical/dental section.

The Functional Component system is a tool which enables planners to select preplanned packages for advanced base construction or expansion in consonance with mission requirements without having to plan base development line item by line item. The system is structured in functional groupings

as indicated below:

A. Administration
B. Harbor Control and Defense
C. Communications
D. Supply and Disbursing
E. Ship and Boat Repair
F. Cargo Handling
G. Medical and Dental
H. Aviation
J. Ordinance
N. Camp and Welfare
P. Construction and Public Works
S. Special Groups

Each component within the grouping is further divided into facilities and assemblies which in turn are stated in terms of specific line items. An extract of series G (Hospitals) of an ABFC table is shown in figure 1 (2 pages) indicating the file data elements at the facilities and assemblies category level.

Another subsystem of the CES/MIS is the Table of Allowances (TOA) system which maintains files of required material for Naval Construction Force elements. The various Bureaus and Systems Commands provide input for establishment and update of TOA files. A sample of the data elements of this file is shown in an extract of the TOA of a Mobile Construction Battalion, "Initial Camp Facilities for Contingency Operations," reproduced at figure 2 (2 pages). The general system flow of both systems is depicted on a chart at figure 3.

Input: In order to maintain the ABFC/TOA systems as creditable and viable planning tools, it is necessary to continuously examine and update the components to improve their responsiveness, reduce costs, and provide training in their use. It is the responsibility of each Bureau and Systems Command to periodically review components of the systems and recommend the addition of new ones, the deletion of old ones, and the revision of the composition of existing components. These recommendations are forwarded to NAVFAC personnel who coordinate the input with those of the other commands to insure commonality, interchangeability, and standardization. Transcript masters are used for input to the TOA system and stock record changes affecting numbers in TOA files are made monthly.

Processing: When the Chief of Naval Material and the CNO have approved changes to be made to the ABFC file, the information is forwarded by NAVFAC Headquarters personnel to Facilities Systems Office (FACSO) personnel at the Construction Battalion Center (CBC) in Port Hueneme, California. FACSO has been established to provide ADP support to NAVFAC Headquarters, its six divisions, the three CBCs, and facilities at Port Hueneme, California. Direct data telecommunications

links exist between all of these NAVFAC Headquarters, its six divisions, the three CBCs, and facilities at Port Hueneme, California. Direct data telecommunications links exist between all of these NAVFAC elements and the Facilities Systems Office. FACSO personnel keypunch cards and process them for entry of the ABFC change information into the system's files. Information on changes to the TOA files is furnished to the Civil Engineer Support Office (CESO), Port Hueneme, California, for coordination and forwarding to FASCO for processing and entry into TOA data files.

Output: Output of the ABFC/TOA portion of the CES/MIS is in the form of new and updated ABFC Tables and TOAs. The output is distributed, normally by mail, to CNO logistical staff planners, NAVFAC Headquarters, CESO, Naval Construction Force elements, CBCs, the Fleet Material Support Office, and Bureaus and System Commands which have provided input to the tables. NAVFAC personnel produce a Facilities Planning Guide, NAVFAC P-437, which contains detailed information on construction effort, construction time, area requirements, and drawings for the components listed in the ABFC Tables. The allowances in the TOAs are used in calculating stock reserves for NAVFAC outfitting requirements.

INTERFACES: Other NFS systems, Naval Personnel System, Naval Supply System, Naval Planning and Programming System, Naval Force Planning System.

USERS: See "Output" paragraph above.

INPUT SOURCES: Same as "USERS"

METHOD OF ACCESS: Address request for data to the system point of contact.

G SERIES - HOSPITALS—Continued		G2 600 Bed			G2A 100 Bed			G2B 100 BED			G2C Orthopaedic 100 Bed			G2D Urological 100 Bed		
Description	U/I	Qty	Weight	Cube	Qty	Weight	Cube	Qty	Weight	Cube	Qty	Weight	Cube	Qty	Weight	Cube
BUREAU OF MEDICINE AND SURGERY																
Weights and Cubes:			400258	11471		74695	5948		67445	5300		82035	5932		3888	329
Code M-361 Miscellaneous	EA	1	34679	2704												
Code M-362 Washer & Sterilizer	EA	6	1530	630	1	225	21	1	225	21	1	225	21	1	225	21
Code M-363 Surgery	EA	2	15424	1358	1	7712	679									
Code M-491 Obs Protect	EA	2	462	31				2	462	31	2	462	31	2	462	31
Code M-[illegible] Orthopedic	EA										1	14590	632			
Code M-306 ATD 120 Bed	EA	5	320918	8714	1	65389	5142	1	65389	5142	1	65389	5142			
Code M-307 Urology	EA													1	1835	163
Code M-309 X-ray	EA	1	4838	189												
Code M-311 LENT	EA	1	3455	263												
Code M-450 Basic Lab	EA	1	4047	300												
Code M-451 Lab - Augm	EA	1	2029	144												
Code M-452 Lab - 100 Bed	EA	5	6846	534	1	1369	106	1	1369	106	1	1369	106	1	1369	106
NAVAL SUPPLY SYSTEMS COMMAND																
Weights and Cubes			4116855	10793		737986	24853		198593	7202		328776	10073		226013	7673
Sub-function Codes:																
1 Basic Construction Items - North			2237652	62664		355746	11489		47957	1362		136977	3298		74644	1921
10 Damage and Safety Control Material			52	2												
11 Administrative Supplies			37317	3434		3202	139		2291	156		1856	132		1853	132
12 Personnel Sundries			104	12		3	1		3	1		3	1		3	1
13 Galley and Messing Supplies			24850	2208		6162	1927		2293	132		2639	174		2654	117
14 General Supplies			61675	4916		3667	431		2963	293		2284	252		2957	291
23 Ships Stores Non-resale Material			124	4												
24 Welfare Recreation and Training Aids			885	46												
41 Non-Medical Items for Medical Equipment			75842	8596		14593	1874		14220	1866		14630	1808		14229	1867
85 Drummed Fuel for Heating - North			492936	12108		128478	3234		41515	1045		77786	1958		71668	1804
86 Drummed Fuel for Vehicles x Equipment For Temperatures Under 32°F			886311	22323		202221	5093		66018	1749		72105	1815		37744	967
88 Packaged POL for Temperatures Under 32°F			13850	365		3232	83		782	20					146	3
89 Provisions			138005	3961		20629	576		20502	575		20247	568		20529	573
92 Special Clothing			42636	5434												
99 Forms and Publications			4716	340		52	4		49	3		49	3		49	3
Note: Data shown above for Northern Zones only. For Arctic or Temperate Zones see below.																
Arctic - Delete Code 85 - North and add:																
85 Drummed Fuel for Heat - Arctic			792281	19943		187910	4730		71663	1804		117553	2959		106628	2684
Temperate - Delete Codes 1, 85, 86 and 88 add:																
1 Basic Construction Items - Temperate			2106690	56560		319708	11183		52848	1540		141220	3456		78770	2079
85 Drummed Fuel for Heat-Temperate			209760	5280		72542	1826		12673	319		40204	1012		38156	968
87 Drummed Fuel for Vehicles x Equipment Temperatures over 32°F			654191	16963		185178	4664		41983	1144		36708	924		20701	528
89 Packaged POL for Temperatures Over 32°F			13850	365		3232	83		782	20					146	3

Figure 1. Extract of ABFC Table (Page 1 of 2)

Ref	Description	U/I	G2 600 Bed Qty	G2 600 Bed Weight	G2 600 Bed Cube	G2A 100 Bed Qty	G2A 100 Bed Weight	G2A 100 Bed Cube	G2B 100 Bed Qty	G2B 100 Bed Weight	G2B 100 Bed Cube	G2C Orthopedic 100 Bed Qty	G2C Orthopedic 100 Bed Weight	G2C Orthopedic 100 Bed Cube	G2D Urological 100 Bed Qty	G2D Urological 100 Bed Weight	G2D Urological 100 Bed Cube
	NAVAL FACILITIES ENGINEERING COMMAND																
	Northern Weights - Cubes			2102176	9[illegible]62		323710	12746		213390	10504		199280	7610		182636	7922
	Tropical Weights - Cubes			2001945	8[illegible]91		307794	11637		203150	9672		184124	6629		165520	7053
	Plot Plan Drawing			504560			656306			656306			656306			656306	
	Section:																
	1 - Structures:																
1055	Building 40x100RF	303750	1	35711	[illegible]04												
1357	Hut Arch Rib 20x48	304040	35	393050	15120	6	67380	2592	6	67380	2592	4	44920	1728	5	56150	2160
1374	Storage Hosp 20x48	303587	1	11230	432	1	11230	432				1	11230	432			
1538	Hosp Ward Receiving 20x48	203589	3	33690	[illegible]26	1	11230	432									
1339	Hosp X-Ray 20x48	303595	1	11644	[illegible]68												
1400	Hut Admin 20x48	816400	4	44920	[illegible]28	1	11230	432	1	11230	432						
1715	Shop Carpenter 20x48 x/Tools		1	13418	[illegible]17												
1741	Pharmacy F/Hosp 20x48	493993	1	11660	[illegible]97												
1767	Laundry F/600 Bed Hosp 40x100	509152	1	61021	[illegible]429												
1820	Galley Mess 150M F/Hosp	533942	1	188504	[illegible]856												
1837	Laundry Equip G2A Hosp	656314				1	7943	682									
1838	Galley Mess G2A Hosp	656310				1	37215	1060									
1844	Hosp Ward Typical	504585	4	456320	[illegible]7408	1	114080	4352	1	114080	4352						
1851	Hosp Ward Dispersal EENT	504589	1	118736	[illegible]940												
1852	Hosp Ward Dispersal Orthop	504587										1	118736	4940			
1853	Hosp Ward Dispersal Urology	504589													1	118736	4940
1941	Hosp Ward Neuro-Psychiatric	504592	1	91632	[illegible]833												
1850	Hut Boiler 20x48 G2	533947	1	22835	[illegible]940												
1851	Hut Refuge Can Wash 20x48	804508										1	11384	446			
1852	Hut EENT Urology 20x48	504572	1	15536	[illegible]572												
1853	Hut Sterilizer 20x48	504580	1	11644	[illegible]458												
1855	Building, Ice Slag-Refrig F/Hosp	504579	1	108117	[illegible]428												
1856	Mess Officers-Nurses 20x48	504591	1	11230	432	1	11230	432									
1857	Morgue 20x48 G2	504582	1	20945	[illegible]097												
1858	Hosp Surgery 20x48	504584	2	30672	[illegible]144	1	15336	572									
1859	Laboratory 20x96 G2	504595	1	22815	[illegible]895												
1862	Post Office 20x48	505594	1	11230	432												
1865	Building Utility 40x100	504596	1	30805	[illegible]285												
1866	Hut Dental 20x48	539032	1	11860	[illegible]987												
1869	Showers Head F/Hosp 160M	889753	7	91079	[illegible]045							1	13010	864			
	2 - Mechanical:																
2127	Sewer Water Exterior G4	539026	1	12497	[illegible]25												
2129	Sewer Water Exterior G2-G4A	539028	1	--	--												
2132	Sewer Water Exterior G2A	656307				1	--	--									
2135	Water Treatment Plant 3M GPH	889721	2	92944	[illegible]668												
2136	Hut Boiler G2A Hosp	656316				1	3500	176									
	Refrigerator 10CF Elec	EA	3	--	--												

Figure 1. Extract of ABFC Table (page 2 of 2)

CAMP AND REGISTERED EQUIPMENT

CONTAINS INITIAL CAMP FACILITIES FOR CONTINGENCY OPERATIONS

	DRAWING	ZONE	QTY	UI	WEIGHT	CUBE	UNIT $	VAL
SECTION C: CIVIL ENGINEERING SUPPORT EQUIPMENT (CESE)								
02601B GROUP I AUTOMOTIVE EQUIPMENT			1					
030701 TRK 1/4 T UTIL			12					
2CZ 2320-00-177-5259 TRUCK, UTILITY, 4X4, 3,500GVW, M-SERIES, W/O WINCH			1	EA	2340.00	258.00	4500.00	
TOTAL QTY FOR			12		28080	3096	4500.00	
036001 TRK 1 1/4T CARG			16					
2CD 2320-00-246-4077 TRUCK, CARGO, 4X4, 1 1/4T, M SERIES, W/O WINCH, 8,000 8,900GVW			1	EA	5072.00	620.00	5520.00	
TOTAL QTY FOR			16		81152	9920	5520.00	
036101 AMBULANCE HEAVY			2					
2CD 2310-00-246-4079 TRUCK, AMBULANCE, 4X4, M-SERIES, 8,000 8,900GVW, GED			1	EA	7150.00	790.80	15500.00	
TOTAL QTY FOR			2		14300	1582	15500.00	
053901 TRK 2 1/2T CARG			16					
2CD 2320-00-926-4873 TRUCK, CARGO, 6X6, 19,000GVW, DROP SIDE, W/O WINCH, M-SERIES			1	EA	12460.00	1630.00	13900.00	
TOTAL QTY FOR			16		199360	26080	13900.00	
058701 TRK 5 T DUMP			20					
2CD 2320-00-050-8979 TRUCK, DUMP, 6X6, 30,000GVW, W/O WINCH M-SERIES			1	EA	23640.00	1620.00	35260.00	
TOTAL QTY FOR			20		472800	32400	35200.00	
059701 TRK 5 T TT			10					
2CZ 2320-00-050-8984 TRUCK TRACTOR, 6X6, 30,000GVW, M SERIES, W/O WINCH			1	EA	19260.00	1510.00	20900.00	
TOTAL QTY FOR			10		192600	15160	20900.00	
071501 TRK MULTI PUR			4					
2CD 2320-00-504-3277 TRUCK, PIPELINE CONSTRUCTION, 6X6, 2 1/2T, M-SERIES			1	EA	10935.00	1481.00	16900.00	
TOTAL QTY FOR			4		43740	5924	16900.00	
072211 TRK TEL MAINT			2					
2CD 2320-00-891-5833 TRUCK, MAINTENANCE, TELEPHONE AND UTILITY, 1 1/4T, 4X4, W/WINCH, M-SERIES			1	EA	12900.00	1790.00	7100.00	
TOTAL QTY FOR			2		25800	3580	7100.00	
073011 TRK WRECKER			2					
2CZ 2320-00-051-6449 TRUCK, WRECKER, 6X6, 5T, M SERIES, W/WINCH			1	EA	33700.00	2240.00	51000.00	
TOTAL QTY FOR			2		67400	4480	51000.00	
074511 TRK TANK GEN PU			4					
2CD 2320-00-077-1631 TRUCK, TANK, FUEL SERVICING, 1 200 GALLONS, 2 1/2T, 6X6, M-SERIES			1	EA	13490.00	1260.00	18400.00	
TOTAL QTY FOR			4		53960	5040	18400.00	
083101 TRLR 1/4T 2 WC			4					
2CD 2330-00-700-5421 TRAILER, CARGO, 2 WHEEL, 1/4T, M-SERIES			1	EA	565.00	155.00	450.00	
TOTAL QTY FOR			4		2260	620	450.00	
083501 TRLR 1 1/2T 2W			4					

Figure 2. Extract of TOA of Mobile Construction Battalion (Page 1 of 2)

08001 **Medical Supplies**

		DRAWING	ZONE	QTY	UI	WEIGHT	CUBE	UNIT $ VAL
9LD 6505 00 975 0614	BLOOD GROUPING SERUM ANTI-A USP			2	PG	.28	.02	2.41
9LD 6505 00 975 0615	BLOOD GROUPING SERUM ANTI B USP			2	PG	.28	.02	2.40
9LV 6505 00 582 7303	SOD PENTOBARB INJ2CC 6			1	BX	.25	.01	.00
9LD 6505 00 985 7224	TEST KIT SYPHIL DETECT			1	EA	1.67	.06	19.50
9LD 6510 00 111 6708	PAD NONAD 3X4IN 100S			8	PG	5.52	7.14	1.28
9LD 6510 00 201 2001	BAND W PRE GZ 3 INX3 YD			18	PG	63.00	2.80	1.87
9LD 6510 00 201 2009	BAN CUT P PAR 6 X 5 YD			8	PG	84.00	3.09	4.37
9LD 6510 00 203 5000	ADHESIVE PLASTER SURG 2 X			24	SL	9.84	.33	.75
9LD 6510 00 203 5500	ADHESIVE P L SURG 12 X 10			3	RO	6.24	.21	3.21
9LD 6510 00 203 6010	ADHESIVE TAPE 12INX5YD			1	RO	2.42	.13	3.57
9LD 6510 00 342 8100	BAND CUT P-P5X30 IN 50			1	BX	5.91	.22	3.47
9LD 6510 00 526 0162	ADHESIVE PLAS CAMO 11X5YD			36	SL	6.48	.23	.18
9LD 6510 00 592 7469	BAND ABS ADH 3.4 X 3 IC			36	BX	9.00	.50	.34
9LD 6510 00 782 2081	CELLULOS OXIDSX2IN 10S			2	PG	4.16	.18	13.80
9LD 6510 00 890 1371	ADH TAPE SUR 2X10 6S			6	PG	4.98	.25	2.73
9LD 6515 00 106 8475	HEEL OPT CAST OR FO OE			3	EA	1.35	.06	.04
9LD 6515 00 106 8476	HEEL ORTHOPED CAST ZIM			3	EA	1.35	.05	.50
9LD 6515 00 106 8477	HEEL ORTHOP CAST STRIK			3	EA	1.35	.05	.42
9LD 6515 00 106 8478	HEEL ORTHOPED CAST WST			3	EA	1.35	.05	.52
9LD 6515 00 181 7449	GLOVE PAT EX MED-LA6S			2	PG	.42	.56	4.10
9LD 6515 00 226 0250	SUT POLY FI BRAID S26			2	PG	.42	.03	2.73
9LD 6515 00 777 7340	CUSHION CRUTCH AUXIL			3	PR	1.89	.10	.69
9LD 6515 00 782 6475	GLOVES SUR DIS SZ 8			1	PG	3.33	.29	6.45
9LD 6525 00 930 0575	RADIOGR PAP DEVIOSEC25			6	PG	25.62	1.92	61.98
9LD 6530 00 299 9521	TAPE SEN ADH 1 IN X 60 YD			2	RO	1.82	.08	.69
9LD 6530 00 299 9822	TAPE SEN ADH 1-2 IN X 60			2	RO	1.00	.04	.41
9LD 6545 00 552 1640	PARTS KIT X RAY DARKMENT			1	SE	6.00	.25	23.40
9LD 6545 00 823 8185	FIRST AID KIT INDIVIDUAL			800	EA	16.00	.08	7.40
9LD 7690 00 083 3568	LABEL TAPE 1000 21-418			2	RO	1.46	.04	.90
	ASSEMBLY 08001 TOTAL FOR			1		999.21	78.52	
	TOTAL QTY FOR			1		999	79	11583.30
08002 DENTAL SUPPLIES				1				
9LD 6515 00 985 7106	SYRINGE CART ASPIRAT			1	EA	.28	.01	5.30
9LD 6520 00 087 7892	PLASTER ORTH D MOD			2	CN	9.66	.25	.94
9LD 6545 00 753 4875	DENTAL SHP ENVRG REP			1	SE	40.00	1.33	94.00
9LD 6545 00 918 0050	DENTAL EQUIP OPER FLD			1	SE	840.00	7.00	3432.00
9LD 6545 00 927 4840	DENTAL INST SUPPLY KIT			3	SE	30.00	3.00	78.00
	ASSEMBLY 08002 TOTAL FOR			1		919.94	11.55	
	TOTAL QTY FOR			1		920	12	3769.15
	GROUP 01001A TOTAL FOR			1		8767	831	35645.84

Figure 2. Extract of TOA of Mobile Construction Battalion (Page 2 of 2)

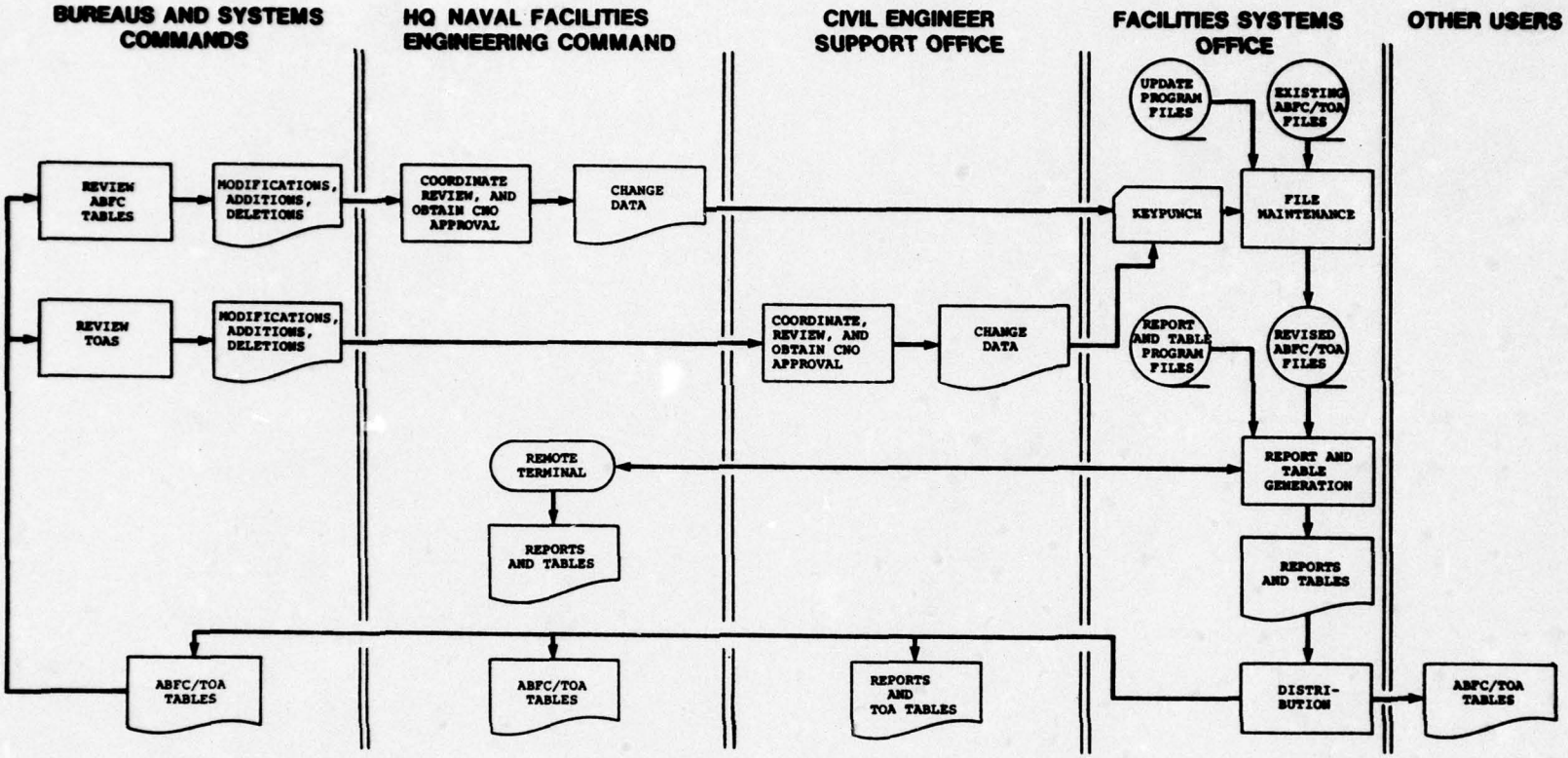


Figure 3. General Systems Flow of the ABFC/TOA Systems.

NAVY SYSTEM DESCRIPTION

SYSTEM TITLE: CNO/VCNO Action Sheet Retrieval System ACRONYM: None

DOD ADPS/ADS/IDENTIFIER CODE: N526/N526/N63165Q906

REFERENCES: Navy Command Systems Support Activity (NAVCOSSACT) ADP Catalog No. 555B201A

PARENT SYSTEM: Chief of Naval Operations Command/Management Information System

MANAGER: Vice Chief of Naval Operations
Washington, D.C. 20350

CONTACT POINT: Special Assistant to the CNO/VCNO for Decision Coordination (Op-09C)
Room 5E673, The Pentagon
Telephone: 697-0131

SUBJECT/FUNCTIONS: Action sheets/Admin. support, Retrieving, Reporting.

SYSTEM CHARACTERISTICS:

General: The CNO/VCNO Action Sheet Retrieval System is designed to aid the Special Assistant to the CNO/VCNO For Decision Coordination (Op-09C). CNO/VCNO Action Sheets are instruments designed to record, disseminate, task, as well as follow-up to ascertain timely action, coordination, and implementation of decisions made by the CNO/VCNO Action Sheet Master File consists of approximately 2,000 Action Sheets. The records contain various classifications of data such as funding source, status, due date, action office, secondary subjects, an abstract of the original action sheet, and summaries of subsequent responses. The general system flow is illustrated schematically at figure 1.

Input: The data files that are maintained and referenced by the system are the statistics file and the text file as indicated in figure 1. Both of these files are maintained on a single tape and have consisted of as many as 2,000 records. The statistics file contains data which are not variable in the sense of expansion and includes, for each action sheet, such information as its serial number, type, title, and resource code. The text file contains information which is variable such as action sheet abstracts, responses, secondary subjects, action offices, due dates, and status. The data base elements of the system are listed in figure 10 on pages ASR-13 and -14.

Updating the system's files is accomplished several times a week and consists of entering information on new action sheets.

and adding or changing information and statistics on existing action sheets. The input procedure is initiated by Op-09C personnel who prepare a transcript form and pass it to NAVCOSSACT personnel in the Navy Pentagon Computer Services (NAVPECOS) area. Transcript forms are then reviewed, appropriate data cards punched, and update runs prepared.

Processing: The first phase of the update process is to pass the cards through a validation program for editing. System error messages indicate cards which are in error. These cards are then corrected by NAVCOSSACT personnel if card punching or run preparation errors only are involved, or by Op-09C personnel if the error is in action sheet information input. Following resubmission of correct cards, the system will signal that the text and statistics files have been reorganized and that the update has been successfully completed. The system is then ready to respond to report queries with current data.

Output: The output of the Action Sheet Retrieval System consists of several reports that are generated on a periodic or as required basis. Report requests are indicated by Op-09C personnel on a transcript form which is passed to NAVPECOS personnel for keypunch of cards and performing the report generation run. Reports generated are reviewed for completeness and compliance with report requests prior to delivery to Op-09C personnel. Reports frequently generated are as follows:

A. Master Action Sheet Report. This report is a complete listing of all action sheet data (statistics and text) in numerical order. (For an example of a page of the report, see figure 2.)

B. Action Sheet Status Report. This report is a one-page summary of the status of action sheets by total numbers. (For an example, see figure 3.)

C. Action Sheet Numbers by Action Office. A report listing action sheet numbers, titles, and action office data sets (status and due date) in numerical order by action office. (For an example, see figure 4.)

D. Action Sheets by Due Date. A report listing the statistics and texts of all action sheets in due date order and by action office if desired. (For an example, see figure 5.)

E. Selected Action Sheet Report. As its name indicates, this report gives the statistics and text of a specific action sheet. Any number of action sheets can be reported on in a single run. (For an example, see figure 6.)

F. Secondary Subject List. A report which lists in alphabetical order all unique secondary subjects existing in the data base. (For an example, see figure 7.)

G. Related Action Sheet Index. This report identifies all action sheets that are related by secondary subjects. It is an alphabetical listing of all secondary subjects and the action sheet numbers and titles which correspond to each secondary subject. (For an example, see figure 8.)

H. Text Scan Report. This report results from the scanning of the entire text file for an input keyword or phrase variable in length up to 30 characters. It lists all action sheet numbers and titles of those action sheet texts which contain the keyword or phrase. (For an example, see figure 9.)

INTERFACES: Interfaces with the CNO/VCNO Funding Data Base Subsystem for the purpose of updating the resource code of the CNO/VCNO Action Sheets.

USER: Special Assistant to the CNO/VCNO for Decision Coordination (Op-09C)

INPUT SOURCE: User

METHOD FOR ACCESSING: Address request for data to the system's contact point.

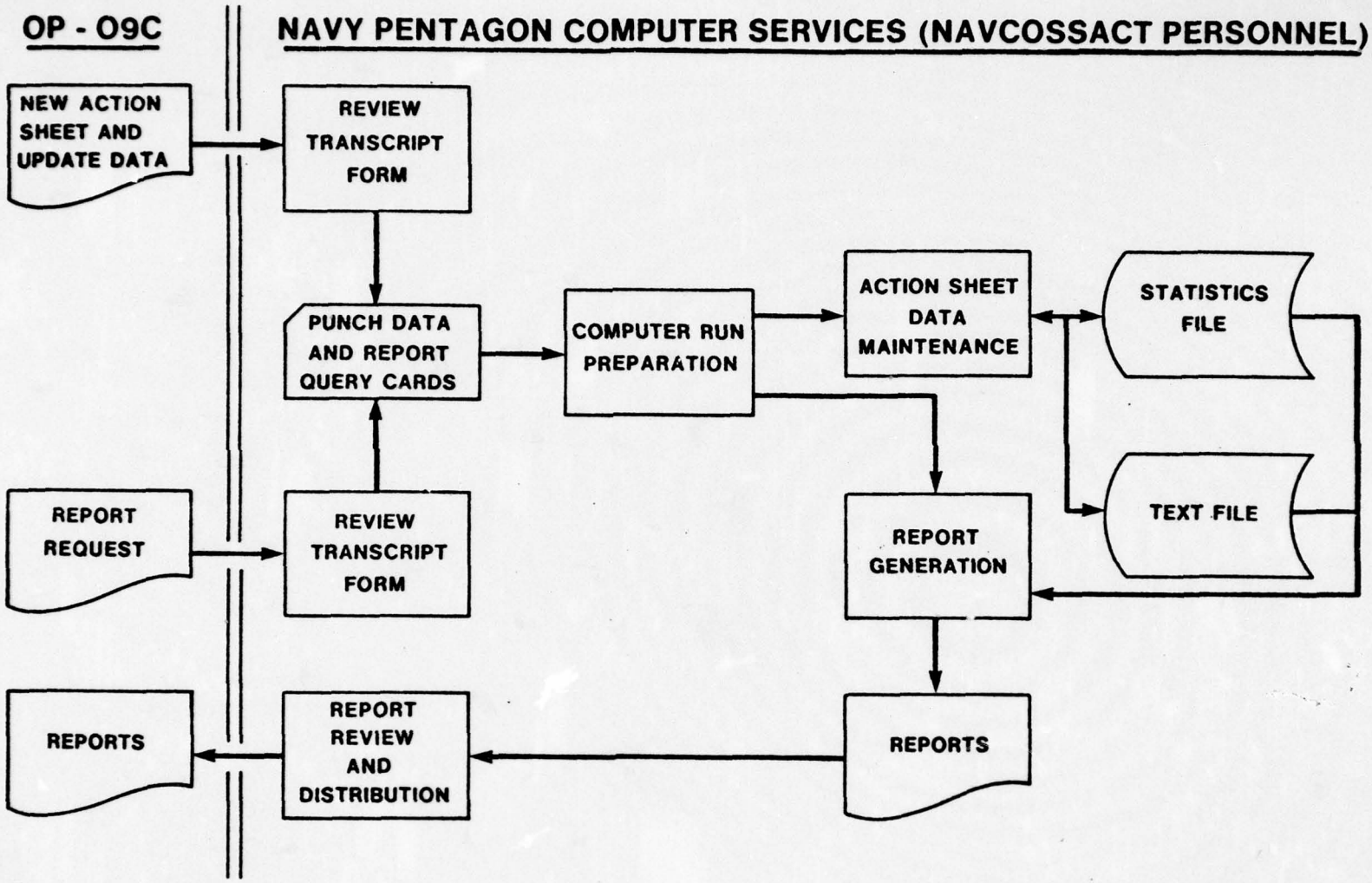


Figure 1. CNO/VCNO Action Sheet Retrieval System Flow.

```
A.S.
NO    SUBJECT TITLE                    SEC. SUBJ.          SEC. SUBJ.          ACTION OFFICE   STATUS   DUEDTE  ODK   AS TYP  NR CO
*****************************************************************************************************************
700445 GROTON CONN HOUSING             01 INACT            02 LIVING COND      01 NFAC         1        000000  0
                                       03 BRIEFINGS        04 COND OF SVC
                                       05 HOUSING          06 SUBMARINE

001  ##### ENTRY 001 REPLY FOR CNO SIGNATURE TO CONSUBFLOT TWO                  003  -EXCELLENT EXAMPLE OF SEABEE SELF-HELP PROGRAM.
002  UPDATING INFO IN MONTHLY BRIEF. REPLY SUBMITTED. INFO TO BE
003  INCLUDED IN NAVEC BRIEFING.                                               001  ##### ENTRY 003 STATUS 0T01 8/3/71

001  ##### ENTRY 002 STATUS 2 TO 6 NFAC MEMO 30 OCT-COMMAND DOING
002  MUCH TO HELP ITSELF IN RESOLUTION OF FAMILY HOUSING PROBLEM
*****************************************************************************************************************
700474 READY RESERVES                  01 INACT            02 PERS ADMIN       01 CNP          5        000000  0
                                       03 RETENTION 03     04 RESERVES

001  ##### ENTRY 001 PROVIDE MEMO ON AREAS TO IMPROVE W/COMMENTS               005  NECESSRECMD NOT PUBLISH DIRECTORY. OP-09 MEMO SEN JAN.
002  2. REVIEW 1ST DIRECTORY. CNP MEMO PERS DIISMNA OF 14 OCT                  006  NOV RETURNS RESPONSE TO CNP FOR INCLUDING ADDNL INFO.
003  7-RECOMD CNO STRESS TO FLT/TYCOMS + AFLOAT COS IMPORTANCE                 001  ##### ENTRY 002 STATUS 0T01 8/30/71 SEE A/S 25-71 AND
004  OF COORDINATING W/A SCHEDULES WITH RESERVE OFFICER TNG +                  002  CONSOLIDATED
*****************************************************************************************************************
700497 DEPENDENT MEDICAL CARE PR       01 INACT            02 ADMIN IRRITANT   01 BUMED        1        000000  0
       OBLEMS                          03 BRIEFINGS        04 RETENTION 03
                                       05 DEPENDENTS       06 COND OF SVC
                                       07 MEDICAL
001  ##### ENTRY 001 BUMED-OUTLINE OF PROPOSED BRIEFING                         003  MANY OF DEPENDENT MEDICAL CARE PROBLEMS. RECM NAVEC BE
002  SUBMITTED.BACKUP MEMO TO BE SUBMITTED 5 NOV 71 SURGEON                    004  BE DEFERRED APPROX ONE MONTH TO STUDY PLAN FOR
003  GENERAL MEMO OF 9 OCT REQ CNO APPROVAL OF PRELIM PLAN FOR                 005  IMPLEMENTATION OF STANDARDS OF SERVICE PROGRAM.
004  INTRODUCTION OF COORDINATED HEALTH CARE MANAGEMENT PROGRAM
005  IN NORVA AREA.                                                            001  ##### ENTRY 006 STATUS 3T0A 1/24/71 BUMED-393 MEMO 22
                                                                               002  FEDS REVISED SCRIPT FOR BRIEFING.
001  ##### ENTRY 002 STATUS 2 TO 6 BUMED:393:HMH:HM 14 NOV-SUBMIT               001  ##### ENTRY 007 STATUS 6T0A 2/4/71 09C MEMO SER 93P00
002  BRIEF OF EACH INDIVIDUAL ACTION AND PROPOSED Z-OP.                        002  FEB FEDS REVISED SCRIPT TO CNO.
003  ##### ENTRY 003 STATUS 4 TO 8 09C M-NOV-70 3 DEC-RECM HOLD               001  ##### ENTRY 008 STATUS 8T00 2/5/71 Z-BRIEFED BY 9/6/71
004  DECISION UNTIL BRIEF.
001  ##### ENTRY 004 STATUS 2 TO 6 Z-WITHOLD DECISION. 09C SKED                001  ##### ENTRY 009 STATUS 0T01 9/10/71 OP-09C MEMO SER 29
002  [illegible] AFTER 15 DEC.                                                 002  OF 10 SEP 71 CANCELS THIS A/S. SEE A/S 193-71.
003  ##### ENTRY 005 BUMED-15DEC 8 DEC-INPUT TO CNP FOR A/S
004  614-70 CONTAINS ADDITIONAL RESOURCES THAT AOUL D IMPACT ON
*****************************************************************************************************************
700481 SEA PAY/OFFICER CONTINUAT       01 LEGISLATION      02 BRIEFINGS        01 CNP          0        720107  0
       ION PAY SITREP                  03 COMPENSATION     04 PAY
                                       05 RETENTION        06 SECNAV
                                       07 Z-60
001  ##### ENTRY 001 AS REQ BY 09C INFO FOR MONTHLY SECNAV UPDATE               001  ##### ENTRY 003 STATUS 1T00 11/11/71 OP-09C MEMO SER
002  BRIEF                                                                     002  3267P09C OF 19 OCT 71 REQ GTMLY SITREP ON LEGISLATIVE
001  ##### ENTRY 002 STATUS 2T01 9/A/71 REQUIRED BRIEFS                        003  STATUS. 1ST DUE 7 JAN 72.
002  COMPLETED.
*****************************************************************************************************************
```

Figure 2. Master Action Sheet Report

ASR-5
II-C-5

COPY AVAILABLE TO DDC DOES NOT PERMIT FULLY LEGIBLE PRODUCTION

ACTION SHEET STATUS REPORT AS OF 72/05/09

	CY 1970 A/S WRITTEN	179
	CY 1971 A/S WRITTEN	0
	CY 1972 A/S WRITTEN	0
	GRAND TOTAL	179
STATUS 1 AND 5	COMPLETED / CLOSED	124
	NET TOTAL	55
STATUS 2	A/S AWAITING INITIAL RESPONSE	0
TOTAL LESS STATUS 2,4,5,9	A/S RESPONDED TO	170
STATUS 4 AND 9	A/S AWAITING SIGNATURE	0

OP-DVC A/S WORKLOAD

STATUS 6	RESPONSES AWAITING PRECIS	10
STATUS 3	DECISIONS AWAITING TASKING	4
	A/S ITEMS TO BE WRITTEN	
STATUS 8 AND 8	RESPONSES AWAITING DECISION	3

DECISION FOLLOW-UP

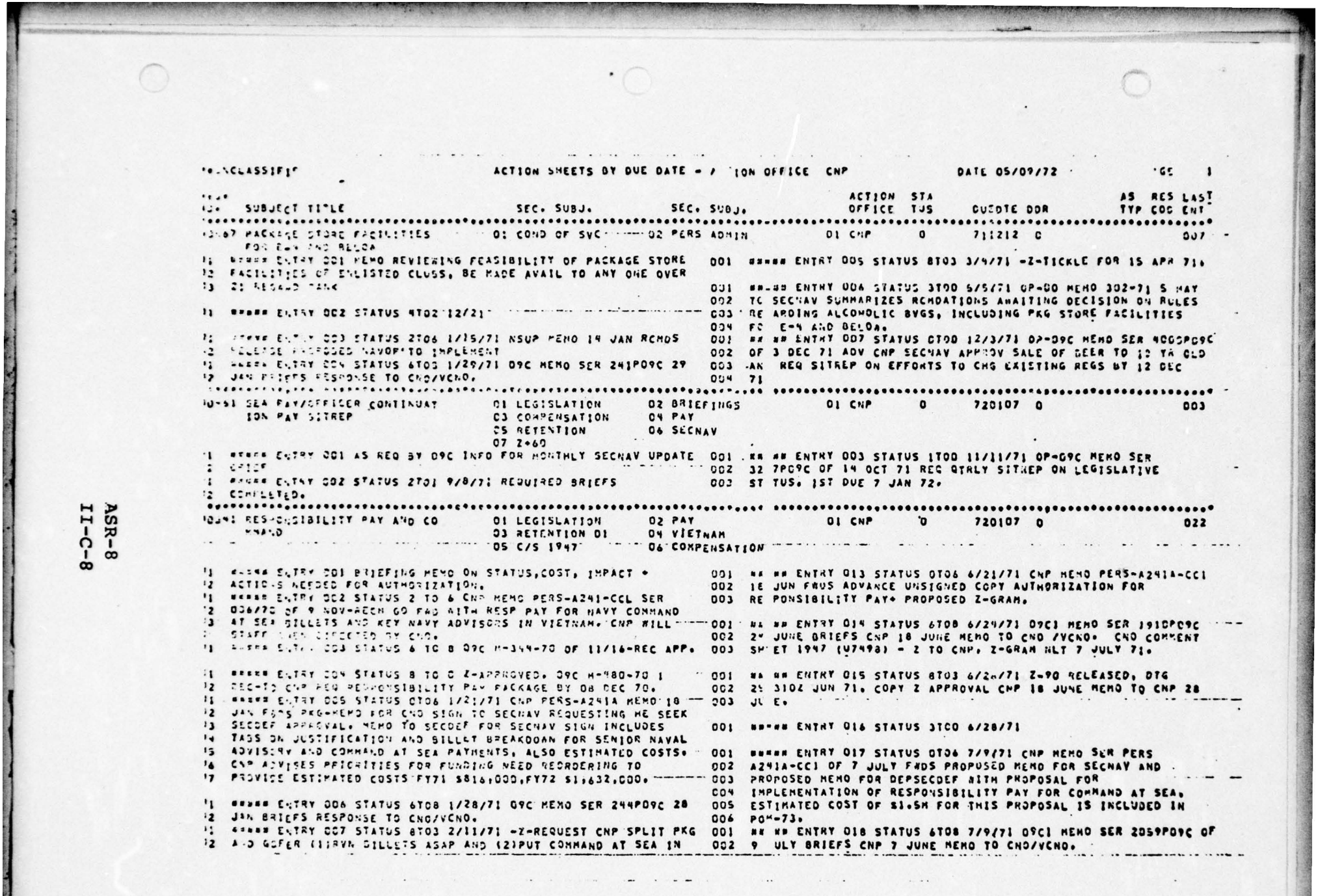
STATUS 2 (OVERDUE)	A/S AWAITING INITIAL RESPONSE (OVERDUE)	0
STATUS 0 (OVERDUE)	A/S AWAITING FOLLOW ON RESPONSE (OVERDUE)	28

Figure 3. Action Sheet Status Report

***UNCLASSIFIED ACTION SHEET NUMBERS BY ACTION OFFICE CNP DATE 06/07/72 P1

7[illegible]1	CNP	SEA PAY/OFFICER CONTINUATION PAY SI P	
		CNP	0 720107
700492	CNP	ACTION LINE TELEPHONE	
		CNP	0 720301
700511	CNP	USE OF CIVIL SERVICE EMPLOYEES IN W+R + MESSES	
		CNP	0 720215
700591	CNP	RESPONSIBILITY PAY AND COMMAND	
		CNP	0 720107
700596	CNP	PRE-COMMISSIONING CREWS	
		CNP	6 000000
		NSUP	000000
		OP-09	000000
		OP-03	000000
		OP-01	000000
700597	CNP	SUBMARINE SCHOOL INPUT	
		CNP	0 720601
700597	CNP	ADMINISTRATIVE DISCHARGE PROCEDURES	
		CNP	0 720317
		OP-092	720317
700591	CNP	LUMP SUM RETIREMENT PAYMENT	
		CNP	0 720115
700596	CNP	CAREER COUNSELORS	
		CNP	0 720310
700597	CNP	NAVY SOCIAL WORKERS	
		CNP	0 720629
		OP-093	720629
		OP-093	720629
700603	CNP	DIRECT PROCUREMENT OF PETTY OFFICERS	
		CNP	0 720601
700619	CNP	USNA/ROTC SCHOLARSHIPS FOR POW/MIA SONS	
		CNP	0 720107
700658	CNP	DEPENDENT DENTAL CARE	
		CNP	0 720107
		OLA	720107
700697	CNP	TRAILER ALLOWANCE	
		CNP	0 720107
700475	CNP	ENLISTED EVALUATION (E-6 AND BELOW)	
		CNP	0 720401
700646	CNP	CORRECTIONAL COUNSELORS ABOARD SHIP	
		CNP	0 720313

Figure 4. Action Sheet Numbers by Action Office



```
*UNCLASSIFI*                    ACTION SHEETS BY DUE DATE - / ION OFFICE  CNP          DATE 05/09/72          PG    1

*****
NO.   SUBJECT TITLE                          SEC. SUBJ.          SEC. SUBJ.          ACTION OFFICE  STA TUS   DUEDTE DOR   AS TYP  RES COG  LAST ENT
**********************************************************************************************************************
3867 PACKAGE STORE FACILITIES                01 COND OF SVC      02 PERS ADMIN          01 CNP       0      711212  C                    007
     FOR E-4 AND BELOW
1  ***** ENTRY 001 MEMO REVIEWING FEASIBILITY OF PACKAGE STORE                  001  ##### ENTRY 005 STATUS 8T03 3/4/71 -Z-TICKLE FOR 15 APR 71.
2  FACILITIES OF ENLISTED CLASS, BE MADE AVAIL TO ANY ONE OVER                  003  RE ARDING ALCOHOLIC BVGS, INCLUDING PKG STORE FACILITIES
3  21 REGARD RANK                                                               004  FO  E-4 AND BELOW.
1  ***** ENTRY 002 STATUS 4T02 12/21                                            001  ## ## ENTRY 007 STATUS 0T00 12/3/71 OP-09C MEMO SER 4000P09C
1  ***** ENTRY 003 STATUS 2T06 1/15/71 NSUP MEMO 14 JAN RCMDS                   001  ## ## ENTRY 007 STATUS 0T00 12/3/71 OP-09C MEMO SER 4000P09C
2  RELEASE PROPOSED NAVOP TO IMPLEMENT                                          002  OF 3 DEC 71 ADV CNP SECNAV APPROV SALE OF BEER TO 18 YR OLD
1  ***** ENTRY 004 STATUS 6T03 1/29/71 09C MEMO SER 241P09C 29                  003  -AN  REQ SITREP ON EFFORTS TO CHG EXISTING REGS BY 12 DEC
2  JAN BRIEFS RESPONSE TO CNO/VCNO.                                             004  71
**********************************************************************************************************************
0-91 SEA PAY/OFFICER CONTINUAT       01 LEGISLATION      02 BRIEFINGS           01 CNP       0      720107  0                    003
     ION PAY SITREP                  03 COMPENSATION     04 PAY
                                     05 RETENTION        06 SECNAV
                                     07 Z+60
1  ***** ENTRY 001 AS REQ BY 09C INFO FOR MONTHLY SECNAV UPDATE                 001  ## ## ENTRY 003 STATUS 1T00 11/11/71 OP-09C MEMO SER
2  OFICE                                                                        002  32 7P09C OF 14 OCT 71 REQ QTRLY SITREP ON LEGISLATIVE
3  ***** ENTRY 002 STATUS 2T01 9/8/71 REQUIRED BRIEFS                           003  ST TUS. 1ST DUE 7 JAN 72.
2  COMPLETED.
**********************************************************************************************************************
0-91 RESPONSIBILITY PAY AND CO       01 LEGISLATION      02 PAY                 01 CNP       0      720107  0                    022
     MMAND                           03 RETENTION 01     04 VIETNAM
                                     05 C/S 1947         06 COMPENSATION

1  ***** ENTRY 001 BRIEFING MEMO ON STATUS,COST, IMPACT *                       001  ## ## ENTRY 013 STATUS 0T06 6/21/71 CNP MEMO PERS-A241A-CC1
2  ACTIONS NEEDED FOR AUTHORIZATION.                                            002  1E JUN FNDS ADVANCE UNSIGNED COPY AUTHORIZATION FOR
1  ***** ENTRY 002 STATUS 2 TO 6 CNP MEMO PERS-A241-CCL SER                     003  RE PONSIBILITY PAY* PROPOSED Z-GRAM.
2  036/70 OF 9 NOV-REEN GO FWD WITH RESP PAY FOR NAVY COMMAND
3  AT SEA BILLETS AND KEY NAVY ADVISORS IN VIETNAM. CNP WILL                    001  ## ## ENTRY 014 STATUS 6T08 6/29/71 09C1 MEMO SER 191OP09C
   STAFF (WHEN DIRECTED BY CNO.                                                 002  2N JUNE BRIEFS CNP 18 JUNE MEMO TO CNO /VCNO. CNO COMMENT
1  ***** ENTRY 003 STATUS 6 TO 8 09C M-344-70 OF 11/16-REC APP.                 003  SH ET 1947 (U7498) - Z TO CNP, Z-GRAM NLT 7 JULY 71.

1  ***** ENTRY 004 STATUS 8 TO C Z-APPROVED. 09C M-480-70 I                     001  ## ## ENTRY 015 STATUS 8T03 6/28/71 Z-90 RELEASED, DTG
2  DEC-TO CNP REQ RESPONSIBILITY PAY PACKAGE BY 08 DEC 70.                      002  29 3102 JUN 71. COPY Z APPROVAL CNP 18 JUNE MEMO TO CNP 28
1  ***** ENTRY 005 STATUS 0T06 1/21/71 CNP PERS-A241A MEMO 18                   003  JU E.
2  JAN FOR PKG-MEMO FOR CNO SIGN TO SECNAV REQUESTING HE SEEK
3  SECDEF APPROVAL. MEMO TO SECDEF FOR SECNAV SIGN INCLUDES                     001  ## ## ENTRY 016 STATUS 3TC0 6/28/71
4  TABS ON JUSTIFICATION AND BILLET BREAKDOWN FOR SENIOR NAVAL
5  ADVISORY AND COMMAND AT SEA PAYMENTS, ALSO ESTIMATED COSTS.                  001  ##### ENTRY 017 STATUS 0T06 7/9/71 CNP MEMO SER PERS
6  CNP ADVISES PRIORITIES FOR FUNDING NEED REORDERING TO                        002  A241A-CC1 OF 7 JULY FNDS PROPOSED MEMO FOR SECNAV AND
7  PROVIDE ESTIMATED COSTS FY71 $816,000,FY72 $1,632,000.                       003  PROPOSED MEMO FOR DEPSECDEF WITH PROPOSAL FOR
                                                                                004  IMPLEMENTATION OF RESPONSIBILITY PAY FOR COMMAND AT SEA.
1  ***** ENTRY 006 STATUS 6T08 1/28/71 09C MEMO SER 244P09C 28                  005  ESTIMATED COST OF $1.5M FOR THIS PROPOSAL IS INCLUDED IN
2  JAN BRIEFS RESPONSE TO CNO/VCNO.                                             006  POM-73.
1  ***** ENTRY 007 STATUS 8T03 2/11/71 -Z-REQUEST CNP SPLIT PKG                 001  ## ## ENTRY 018 STATUS 6T08 7/9/71 09C1 MEMO SER 2059P09C OF
2  AND OFFER (1)RVN BILLETS ASAP AND (2)PUT COMMAND AT SEA IN                   002  9  ULY BRIEFS CNP 7 JUNE MEMO TO CNO/VCNO.
```

Figure 5. Action Sheets by Due Date - Selected Action Offices

A.S. NO.	SUBJECT TITLE	SEC. SUBJ.	SEC. SUBJ.	ACTION OFFICE	STATUS	DUEDTE	DDR	AS REQ'D TYP	COD E?
700597	ADMINISTRATIVE DISCHARGE PROCEDURES	01 COND OF SVC 03 SEPARATION 05 FUNDING 07 C/S 1939-71	02 PERS ADMIN 04 MANNING 06 BUDGET 08 INTELLIGENCE	01 CNP 02 OP-092	0	720317 720317	0 0		09

001 ##### ENTRY 001 MEMO IN COORDINATION WITH OP-0 TO
002 INVESTIGATE WHETHER SAVINGS COULD ACCRUE BY HIRING ADDNL N
003 AGENTS TO SPEED UP INVESTIGATI WITH ALTERNATIVES TO SPEED
004 UP THIS PROCESS. REFER A/S 335-70
001 ##### ENTRY 002 STATUS 2 TO A CNP PERS-F-3B/JPS 25 NOV-RECMD
002 AUTH AND FUNDING FOR 20 ADD NIS AGENTS (FUNDING CANNOT BE
003 ACCOMPLISHED IN QUARTER). NO CHANGE TO PRESENT POLICY FOR THE
004 FAST SHIP TO SHORE STATIONS
001 ##### ENTRY 003 STATUS 4T08 12/15 09C M-SP8-70 16 DEC BRIEFS
002 RESPONSE FOR CNO/VCNO.
001 ##### ENTRY 004 STATUS 8T07 1/4/71 COMMENT SHEET A-71 TO
002 OPNAV SAVINGS ESTIMATED ARE ACCURATE. E COULD TAKE NIS &
003 OUTSIDE MEN-IN THE COMMENT FY 72 VERSION ADJUSTMENTS-DIRECT
004 A TO PAY MAX-MEN SAVE DOLLARS. I REALIZE THESE THEORETICAL
005 SAVINGS TEND TO SLIP AWAY--BUT HERE IS A CASE WHERE DOLLARS
006 ARE SMALL ENOUGH TO SAVE--IF WE CANT GET THE BUDGET
007 CHANGED--LETS USE MILITARY PERSONNEL TO INCREASE NIS.
008 ALSO,ID LIKE A PILOT PROGRAM ON AUTHORIZING SEA-BASED
009 COMMANDS TO TRANSFER TO SHORE SCREEN FOR PROCESSING)--TAKE
010 10 SHIPS AND USE IMMEDIATE TRANSFER METHOD--10 OTHER
011 SIMILAR SHIPS AS IS AND COMPARE RESULTS IN 6 MONTHS.

001 ##### ENTRY 005 STATUS 3T00 1/12/71 09C M-75-71 12JAN TO CNP
002 REQUESTS INITIATE ACTION ON -Z-DECISION IN COMMENT SHEET
003 4-71 ABOVE. REQUESTS PROMPT BY 4 FEB 71.

001 ##### ENTRY 006 CNP PERS-F3P MEMO 2 FEB REQUESTS SUSPENSE
002 DATE CHG TO 12 FEB TO PERMIT FURTHER COORDINATION WITH NIS,
003 OP-09P AND OTHER BUPERS DIVISIONS.

001 ##### ENTRY 007 STATUS 3T06 3/10/71 CNP PERS-F3 MEMO 8 MAR.
002 SINCE BEGINNING FY-71 110 NISO AGENTS LOST DUE TO BUDGETARY
003 LIMITATIONS. COORDINATION EFFECTED WITH 01 TO WRITE 20
004 BILLETS FOR NISO AS LTJG 1430 BILLETS TO BE AVAIL EARLY FY.
005 72. DEFICIT OF 90 MAKES MEETING 12 DAY MAX LIMIT APPEAR
006 IMPOSSIBLE. IF APPROP NIS INVEST TO BE MADE. IN VIEW
007 SENATOR ENVIN SUBCOMMITTEE HEARINGS TENTATIVELY SCHED
008 APR-MAY 71,RCMD IMPL OF PILOT PROGRAM BE HELD IN ABEYANCE
009 UNTIL COMPL OF THESE HEARINGS.

001 ##### ENTRY 008 STATUS 4T08 3/19/71 09C MEMO SER 820P09C 19
002 MAR BRIEFS CNP 8 MAR MEMO TO CNO/VCNO.
001 ##### ENTRY 009 STATUS 8T03 4/14/71 Z-DONOT CONCUR CNP
002 APPROACH. DESIRE TEN SHIP PILOT PROGRAM ASAP. SUBJECT TO
003 CNO REVIEWING DECISION WITH OLA AND ADVANCE CALL ON SENATOR
023 AVAIL PROGRAM SHOULD BE DIRECTED TO MAJOR FLEET
024 CONCENTRATION PTS SUCH AS 6TH AND 7TH FLEETS AS WELL AS IN
025 THIS COUNTRY. PROPOSED PROGRAM NOT TO SUBSTITUTE FOR
026 PRESENT EFFORTS AND SINCE PUSHERS NOT INCLUDED IN AMPHIBY
027 CONCEPT, NO BASIC CONFLICT ENVISIONED WITH PROPOSED NEW
028 PROGRAM. CNP MEMO PERS-F3b 29 MAY ADVISES CNP CONCURRENCE
029 IN FY 72 REQ NIS FOR AGENTS + ADDNL FUNDING FOR AGENTS THA
030 MAY BE ACCOMPLISHED. FUNDING FOR THIS PURPOSE NOT AVAIL
031 BUPERS CNP ADVISES PROCEDURES FOR 10 SHIP PILOT PROG HAVE
032 BEEN ESTAB + CAN BE IMPLEMENTED IMMED.
001 ##### ENTRY 012 STATUS 6T08 6/7/71 09C2 MEMO SER 1226P09C
002 JUNE BRIEFS OP-99 18 MAY MEMO TO CNO/VCNO.
001 ##### ENTRY 013 STATUS 8T03 6/23/71 Z NOTED OP-099 18 MAY
002 RESPONSE DESIRES CNP PROVIDE MAX ASSIST RADM HARLFINGER ON
003 THIS MATTER TASK OP-09C TO PREPARE GAMEPLAN FOR EARLIEST
004 IMPLEMENTATION OF NIS-AGENT (RESTORATION STRENGTH)
005 PREVIOUSLY DIRECTED BY CNO, TO INCLUDE (1) FUNDING IN FY
006 72+73,(2) CNP/VCNO PERSONAL PARTICIPATION TO GET NECESSARY
007 SECNAV + CONGRESSIONAL SUPPORT (AS PART OF NATIONAL
008 ANTI-DRUG ABUSE PRIORITY PROGRAM). ON COMMENT SHEET
009 1939-71, Z-TAKE THESE BILLETS OUT OF SHORE ESTABLISHMENT
010 ELSEWHERE.
001 ##### ENTRY 014 STATUS 3T00 6/23/71 09C1 MEMO SER 1847P09C
002 23 JUNE TO CNP REQUESTS MEMO, FOR CNO'S SIGNATURE, TO
003 SECNAV ADVISING SECNAV OF OUR INTENTIONS + DISCUSSING OUR
004 PLANS TO IMPLEMENT 10 SHIP PILOT PROGRAM, POINTING OUT
005 POSSIBLE INCONSONANCE PILOT PROGRAM WITH PREVIOUS SECNAV
006 TESTIMONY.
001 ##### ENTRY 015 STATUS 3T00 6/25/71 09C2 MEMO SER 1913P09C
002 25 JUNE TO CNP AND OP-P70 ADVISES CNO REVIEW OP-09P2C IN MA
003 MEMO AND CNO DESIRE THAT CNP PROVIDE MAX ASSIST TO RADM
004 HARLFINGER. CNO REQUESTS OP-090 PREPARE GAME PLAN FOR
005 IMPLEMENT NIS AGENT RESTORATION OF STRENGTH

001 ##### ENTRY 016 OP-01 MEMO OP-100G/PC SER 13858P10 OF 22 .
002 TO CNP IDENTIFIES BILLETS FOR NAVINV SERV SUPPORT TO REDUC
003 ADMIN DISCHARGE TIME.

001 ##### ENTRY 017 STATUS 0T06 8/10/71 CNP MEMO PERS-F3a-JPS
002 6 AUG 71 FADS MEMO FOR CNO SIG TO SECNAV SOLICITING HIS
003 SUPPORT FOR 10 SHIP PILOT PROGRAM TO TRANS PERS FOR ADMIN
004 DISCHG TO SHORE STATION FOR PROCESS. SEC NAV SUPPORT DOUBT
005 DUE TO CONG OPPOSITION IN PAST YRS.

001 ##### ENTRY 018 STATUS 4T06 8/13/71 OP-09C MEMO SER 2430P0

Figure 6. Selected Action Sheet Report

ADMIN INRITANT	C/S 0889-71	EXTERNAL IMAGE
ADP	C/S 0893-71	FAM SEPS
ADVANCEMENT	C/S 0894-71	FORCE LEVEL
ALLOWANCES	C/S 0905-71	FRINGE BENEFITS
ASSIGNMENT	C/S 0906-71	FUNDING
AVIATION	C/S 0908-71	GO MEETING
AWARD	C/S 0909-71	HABITABILITY
AWARDS	C/S 1020-71	HHG
BAQ	C/S 1064-71	HOMEPORT
BRIEFINGS	C/S 1277-71	HOSPITAL
BUDGET	C/S 1351-71	HOUSING
CAR PATTS	C/S 1464-71	IG
CAREER FACTORS	C/S 1939-71	INACT
CAR,MOT,PRG	C/S 1947	INACTIVATION
CIVILIAN	C/S1874-71	INCENTIVES
CLUBS	DEPENDENTS	INSIGNIA
CO MEETING	DEPLOYMENT	INTELLIGENCE
COL,DUTY/PAPRWK	DESTROYER	INTERNAL INFO
COMMANDING OFF	DETAILERS	INTERNAL INFO*
COMMISSARY	DISBURSING	JOB CONTENT
COMMUNICATIONS	DISCIPLINE	JOB SAT
COMPENSATION	DRUG	JUMPS
COND OF SVC	DRUGS	LDO
CONSTRUCTION	EDUCAT OPPS	LEADERSHIP
CPO	EDUCATION	LEAVE
CPO ADV BD	ENL CLG GRAD	LEGAL
C/S 0921-71	ENLISTMENT	LEGISLATION
C/S 0859-71	EXCHANGE	LEGISLATIVE

Figure 7. Secondary Subject List

RELATED ACTION SHEETS BY SECONDARY SUBJECTS

SEC-SUBJECT	SUBJECT TITLE	A.S.#	PRIMARY-A.O.	STATUS	DUE-DATE
ADMIN IRRITANT	ADMINISTRATIVE LOAD OF COMBINED FEDERAL CAMPAIGN	700648	OP-098	5	000000
ADMIN IRRITANT	AGE LIMITS FOR SALE OF ALCOHOLIC BEVERAGES	700788	JAG	5	000000
ADMIN IRRITANT	COMBINED FEDERAL CAMPAIGN SOLICITATIONS FOR ONLY E-4 AN	700699	OP-098	1	000000
ADMIN IRRITANT	DEPENDENT MEDICAL CARE PROBLEMS	700447	BUMED	1	000000
ADMIN IRRITANT	DEPENDENT DENTAL CARE	700658	CNP	0	720107
ADMIN IRRITANT	DEPENDENT MEDICAL RECORDS	700647	BUMED	1	000000
ADMIN IRRITANT	EMBOSSED PLASTIC I.D. CARD/PLATES	700647	OP-096	6	000000
ADMIN IRRITANT	HOUSEHOLD GOODS DAMAGE CLAIMS	700472	JAG	1	000000
ADMIN IRRITANT	HOUSING WAITING LISTS	700708	OP-04	1	000000
ADMIN IRRITANT	LEAVE ENROUTE TO SEPARATION CENTERS	700690	CNP	1	000000
ADMIN IRRITANT	MEDICAL CARE FOR FOSTER CHILDREN	700606	BUMED	0	720330
ADMIN IRRITANT	MOONLIGHTING	700902	BUMED	1	000000
ADMIN IRRITANT	NUMBER OF SAVINGS ALLOT- MENTS/MARRIED/SINGLE	700537			000000
ADMIN IRRITANT	NUMBER OF DUNGAREE UNIFORMS	700601	CNP	1	000000
ADMIN IRRITANT	PROJECT TRANSITION EVALUATION	700835	OP-099	1	000000
ADMIN IRRITANT	PROJECT TRANSITION OUTSIDE CONUS	700845	OP-099	1	000000
ADMIN IRRITANT	RECORD OF EMERGENCY DATA AND WILLS	700655	JAG	0	720220
ADMIN IRRITANT	RIBBON CLUTCH DEVICE	700624	CNP	1	000000
ADMIN IRRITANT	WARRANT OFFICER AGE WAIVERS	700690	CNP	1	000000
ADP	COMPUTERS FOR PERSONNEL SUPPORT	700727	OP-098	6	000000
ADVANCEMENT	ADVANCEMENT TRANSFERS	700680	CNP	1	000000
ADVANCEMENT	ADVANCEMENT IN RATE PROFILE CARD	700679	OP-099	1	000000
ADVANCEMENT	FIELD PROMOTION	700592	CNP	1	000000
ALLOWANCES	ADVANCE DISLOCATION ALLOWANCE	700674			000000
ALLOWANCES	BAQ FOR MARRIED WAVES	700780	CNP	0	720107
ALLOWANCES	CIVILIAN CLOTHING ALLOWANCE FOR ENLISTED PERSONNEL	700868	CNP	1	000000

Figure 8. Related Action Sheet Index

```
                                                                    COMMAND
  AS =700445        GROTON CONN HOUSING
  AS =700472        HOUSEHOLD GOODS DAMAGE CLAIMS
  AS =700475        GUEST CRUISE PROGRAM
  AS =700509        VEHICLES FOR SHIPS IMPORT
  AS =700510        D.C. AREA NAVY REAL ESTATE
  AS =700512        PERCENTAGE OF PROFIT TO NAVPERS CENTRAL FUND
  AS =700522        D.C.AREA EXCHANGE
  AS =700529        PROJECT COORDINATORS/ MANAGERS
  AS =700541        RESPONSIBILITY PAY AND COMMAND
  AS =700547        ADMINISTRATIVE DISCHARGE PROCEDURES
  AS =700548        INITIAL SPLIT SEA TOUR
  AS =700590        SPECIAL LEADERSHIP PROGRAM
  AS =700614        LOSS OF OBLIGATIONAL AUTHORITY
  AS =700636        OFFICER PROMOTION CEREMONIES
  AS =700682        NAVY CHILD CARE FACILITIES
  AS =700692        QUARTERDECK WATCHES NAVOP (Z-44)
  AS =700700        WAVES IN DEPRIVED SEA/SHORE DUTY BILLETS
  AS =700705        PUBLICITY OF THE CHARLESTON SEAFEE SELF-HELP PROGRAM
  AS =700706        BUPERS CONTROLLED FUNDS AND LOCAL OPTION
  AS =700711        NAVY SMALL ARMS MARSMANSHIP PROGRAM
  AS =700712        CAREER PLANNING BOARD STUDY ON BILLET STRUCTURE AND SEL
  AS =700727        COMPUTERS FOR PERSONNEL SUPPORT
  AS =700731        MEDICARE FOR DEPENDENTS OF DEPLOYED SERVICEMEN
  AS =700743        GED PREPARATORY PROGRAM
  AS =700745        ALCOHOLICS ON ACTIVE DUTY
  AS =700760        MEDICAL CONSULTANTS AT NAVAL HOSPITALS/ DISPENSARIES
  AS =700766        ASSISTANCE AT HOUSING REFERRAL OFFICES
  AS =700846        CIVILIAN CLOTHING ALLOWANCE FOR ENLISTED PERSONNEL
```

Figure 9. Text Scan Output Report

The following are the major data base elements of the CNO/VCNO Action Sheet Retrieval System. Explanation and/or examples of elements are not given when meanings are obvious.

Element	Meaning and/or Example
Action sheet numbers	
Action sheet type	G=green stripe, M=memo, etc.
Action sheet title	
CEB number	CNO Executive Board number
Cumulative report flag	Indication that changes have been made since last master list
Due date number	Number of response due from action office
Due date	Date response due from action office
Due date number revised	Number of a revised due date
Due date history	History of due date revisions per action sheet
Entry type	Action sheet description, initial response, subsequent responses, etc.
NADEC number	Naval Decision Center identification code
Office action	Office of primary action responsibility
Originator identification	Originator of action sheet
Resource ID code	
Secondary subject	Secondary subjects (up to 9) used to relate action sheets
Status code, action sheet progress	
Times due date revised	
Year of action sheet origin	

Figure 10. ASR System Data Base Elements (Page 1 of 2)

Element	Meaning and/or Example
Statistics file	Contains statistic records
Statistics RKD	Contains file information for each action sheet: action sheet number, action office, due date, status, no. of entries, action sheet type, title, and resource code.
Text master file	Contains narrative abstracts of action sheets and responses
Text master RKD	Contains action sheet number and 300 characters of text

Figure 10. ASR System Data Base Elements (Page 2 of 2)

NAVY SYSTEMS DESCRIPTION

SYSTEM TITLE: Construction, Automotive, and Special Equipment/Management Information System

ACRONYM: CASE/MIS

DOD ADPS/ADS/IDENTIFIER CODE: NB00/NG09/N62583G002-4

REFERENCES:
a. Navy Facilities System (NFS) manual NAVFAC P-424, June 74
b. NAVFACINST 11200.12G, Civil engineering support equipment (transportation equipment); administration and support of, 27 August 1975.

PARENT SYSTEM: Navy Facilities System (NFS)

MANAGER:
Commander
Naval Facilities Engineering Command (NAVFAC)
200 Stovall St. (Hoffman Bldg. 2)
Alexandria, Va. 22322
Telephone; 325-0401 (NFAC-00A)

POINT OF CONTACT:
CBC Command Management Division (NFAC-065)
Naval Facilities Engineering Command
200 Stovall St. (Hoffman Bldg. 2)
Alexandria, Va. 22322
Telephone; 325-8567

SUBJECT/FUNCTIONS: Materiel/Management, Determining requirements, Maintaining

SYSTEM CHARACTERISTICS:

General: The Construction, Automotive, and Special Equipment/Management Information System (CASE/MIS) is a comprehensive equipment management information system developed by the Naval Facilities Engineering Command to assist in management of the U.S. Navy's total population of Construction, Automotive, and Special Equipment. CASE/MIS provides improved management and computer techniques to facilities controlling equipment through its entire life cycle from the compilation of Navy equipment requirements through the acquisition, utilization, and disposal processes. The general system flow is presented schematically in Figure 1.

Input: The Facilities Systems Office, Port Hueneme, California, of the Naval Facilities Engineering Command, prepares a run of Annual Allowance and Requirements Review forms (NACFAC 11200/28) from the current equipment file which lists the allowances and holdings of Civil Engineering Support Equipment (CESE) of each activity of the Navy. These listings include all of the transportation equipment that is allowance controlled and U.S. Navy (USN) registered. The review forms are distributed

through the Civil Engineer Support Office (CESO), Port Hueneme, California, to the Transportation Equipment Management Centers (TEMC), or Resident Technical Assistance Offices, which are components of the NAVFAC Engineering Field Divisions (EFD's) located in Norfolk, VA, Pearl Harbor, HA, Washington D.C., Pensacola, FL, and San Bruno, California. These centers or offices, in turn, distribute the forms to the activities in their areas of responsibility by 1 June of each year. Activities complete and submit the forms to their claimants through the appropriate TEMC by 1 July of the same year. An example of a completed form is shown in figure 2. Claimants are responsible for obtaining CNO approval of changes in CESE allowances of their activities. Once approval is obtained, the TEMC's notify the CESO whose personnel review and process the changes and pass the data to FASCO for update of the master inventory file of the CASE/MIS.

Distribution of Replacement Justification forms (NAVFAC 11200/29) is made in the same manner as described above, with activities required to submit completed forms to their area TEMC's by 1 October of each year (a sample completed form is shown at figure 3). The TEMC's process the information and assign procurement priorities representing the command desires of the claimant regarding the order of replacements and forward the information to CESO for procurement action by 1 March each year. CESO passes the procurement and equipment assignment data to FASCO for entry into ADP files.

Processing: FASCO has been established at the Construction Battalion Center (CBC), Port Hueneme, California, to provide systems design, implementation, and operational support to HQ NAVFAC and its major subordinate elements. The CASE/MIS is one of several ADP systems operated by FASCO. FASCO personnel perform the programming and the preparation of data functions necessary to maintain and update the CASE/MIS master inventory file and generate the required reports and annual review forms.

Output: The annual review forms generated by FASCO described above and illustrated in figures 2 and 3 are, at the same time, a report of the CESE holdings of an activity according to the master inventory file and a vehicle for providing input to the system. In addition, a number of reports are generated for use by HQ. NAFAC and CESO personnel for various management purposes. Sample pages from periodic quarterly and semi-annual reports which are generated on a regular basis are illustrated in figures 4 through 11. Figure captions and the column headings in the sample reports serve to identify types and purposes. In addition to these periodic reports which are normally mailed from Port Hueneme to HQ. NAVFAC in Washington, D.C., the latter headquarters possesses a terminal printer for the request and rapid receipt of special one-time reports from FASCO in Port Hueneme.

INTERFACES: Other systems of the NFS

USERS: NAVFAC, NAVSUP, Ships Parts Control Center (SPCC), Major Claimants, Shore Activities, and Special Tactical Operational Units.

INPUT SOURCES: Same as "USERS"

METHOD OF ACCESS: Address requests for data to the system's point of contact.

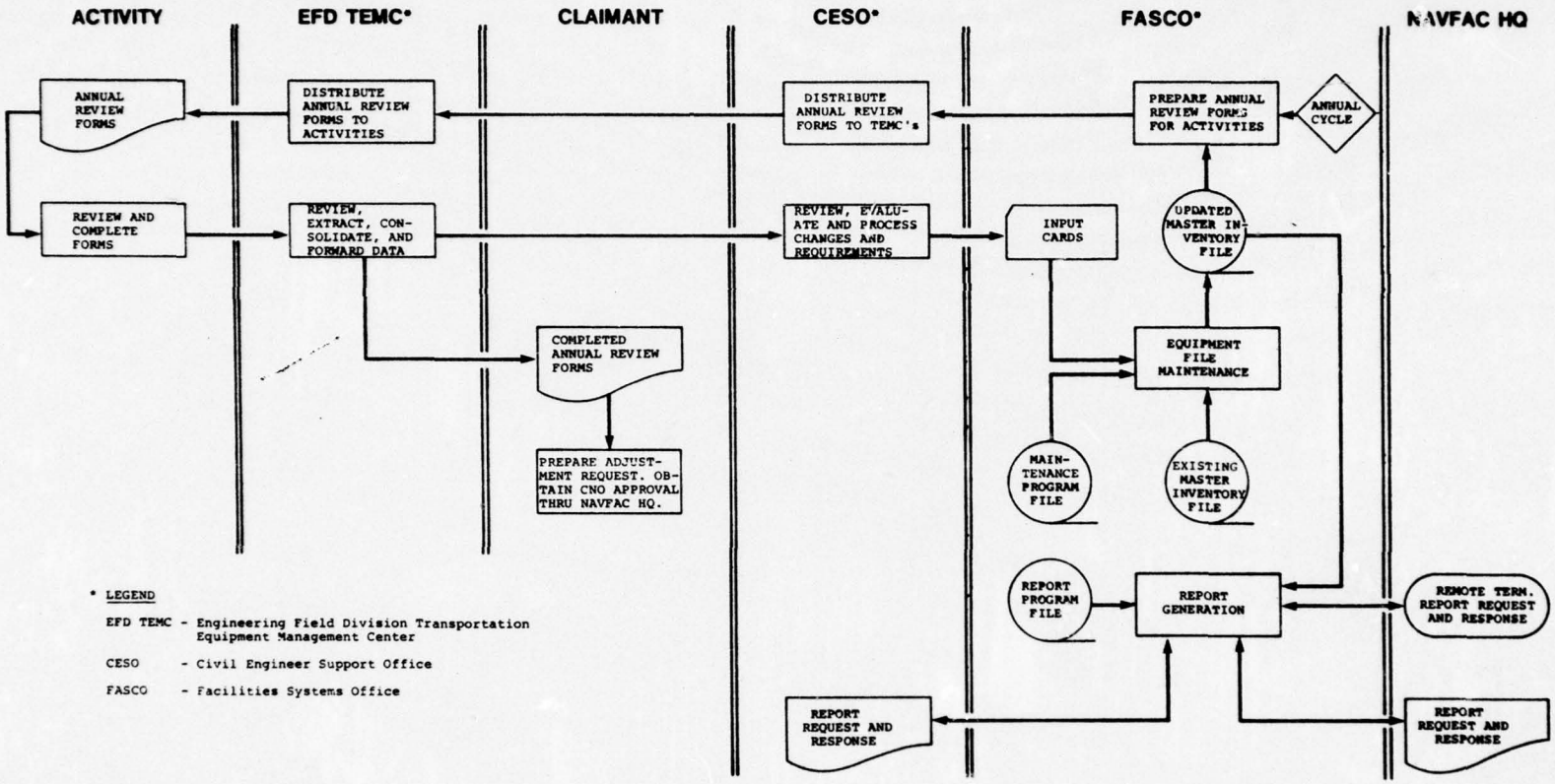


Figure 1. General System Flow, CASE/MIS Master Inventory File.

ANNUAL ALLOWANCE AND REQUIREMENTS REVIEW
NAVFAC 11200/28 (12-71) (SUPERSEDES NAVDOCKS 2413)

NAVFAC REPORT 11200-3

TYPE OF EQUIPMENT - P-1 LINE ITEM

( ) 01 - PASS CARRYING VEHICLES
(X) 02 - TRUCKS
( ) 03 - TRAILERS
( ) 04 - CRUSH MIX BATCH/PAV EQPT
( ) 05 - DRILL AND BLAST EQPT
( ) 06 - EARTH MOVING EQPT
( ) 07 - LIGHTING/POWER GEN EQPT
( ) 08 - MISC CONST MAINT EQPT
( ) 09 - FIRE FIGHTING EQPT
( ) 10 - WEIGHT HANDLING EQPT
( ) 11 - RAILWAY EQUIPMENT

TO: NAVSEASYSCOM
VIA: FACENGCOMDIV/CHESAPEAKE
FROM: SHIPYARD, PORTSMOUTH
UIC: 00102
FOR PERIOD ENDING: 30 JUN 76
LOCATION: 0430 33 US
OFFICE/BUREAU OR COMMAND: 00024

NAVFAC ALLOWANCE CODE	ITEM DESCRIPTION	ALLOWANCE						SUBSTITUTIONS		ON HAND EXCESS	CURRENT YEAR REQUIREMENT		
		PRESENT ALLOWANCE	REQUESTED ALLOWANCE	ON HAND	UTILIZATION %	COMMAND RECOMMENDATION	APPROVED ALLOWANCE	NO. OF ITEMS	EQUIPMENT CODE	TO BE REPORTED SF 120	SCHEDULED FOR SUPPLY	REQUIRED REPLACEMENT	ADDITIONAL REQUIREMENTS
1	2	3a	3b	3c	3d	3e	3f	4a	4b	5	6a	6b	6c
0311	TRUCK, CARRYALL 8-PASS 4X2	0	0	2	95			2	~~0311~~				
0313	TRUCK PLU 4X2 CARGO 4800 GVW	16	15	16	105			~~16~~ 15	0313	1	1	3	
0327	TRUCK CARGO PLU 4DR 5800 GVW	5	5	2	92			1 2 1	0313 0327 0342			1	1
0330	TRUCK CARRYALL F/C 8-PASS 6200 GVW	4	4	2	95			2 2	0311 0330			1	
0342	TRUCK CARGO PLU 4X2 7000 GVW	3	2	3	96			~~3~~ 2	0342				
0445	TRUCK STAKE 4X2 1600 GVW	4	4	4	93			2 2	0426 0445			2	

CASE/MIS-5
II-D-5

Figure 2. Sample Annual Allowance and Requirements Review Form

REPLACEMENT JUSTIFICATION - ANNUAL REQUIREMENTS REVIEW
NAVFAC 11200/29 (12-74) (SUPERSEDES NAVDOCKS 2414)

REPORT NAVFAC 11200-3

TO: FACENGCOMDIV/CHESAPEAKE, WASHINGTON, DC

FOR PERIOD ENDING: 30 SEP 76

FROM: SHIPYARD, ANY CITY

UIC: 00100

LOCATION: 0430 23 US

OFFICE/BUREAU OR COMMAND: 00024

TYPE OF EQUIPMENT (P-1 LINE ITEM)

- (X) 01 - PASS CARRYING VEHICLES
- ( ) 02 - TRUCKS
- ( ) 03 - TRAILERS
- ( ) 04 - CRUSH MIX BATCH/PAV EQPT
- ( ) 05 - DRILLING AND BLAST EQPT
- ( ) 06 - EARTH MOVING EQPT
- ( ) 07 - LIGHTING/POWER GEN EQPT
- ( ) 08 - MISC CONST MAINT EQPT
- ( ) 09 - FIRE FIGHTING EQPT
- ( ) 10 - WEIGHT HANDLING EQPT
- ( ) 11 RAILWAY EQUIPMENT

PART A. DATA ON PRESENT EQUIPMENT FOR WHICH REPLACEMENT IS REQUESTED IN PART B.						PART B. DATA ON REQUESTED EQUIPMENT		
EQUIPMENT CODE	DESCRIPTION MANUFACTURER	U.S.N. REGISTRATION NUMBER	YEAR OF MFG.	ACCUMULATED MILEAGE OR HOURS (H)	REPAIRS FOR CONTINUED SAFE OPERATION (DOLLARS)	EQUIPMENT CODE AND TYPE DESIGNATOR	PRIORITY	
							ACTIVITY	CLAIMANT
1	2	3	4	5	6	7	8a	8b
0061	BUS BOC 16-20P INT	91-04645	70					
0063	BUS BOC 36P DODGE	91-04383	67	142,000	3,250	006301	1	
0063	BUS BOC 36P INT	91-04726	70					
0063	BUS BOC 36P DODGE	91-05160	72					
0105	SEDAN 4DR 5 PASS FORD	92-16030	68	In supply				
0105	SEDAN 4DR 5 PASS FORD	92-16065	68	87,600	875	010401	3	
0105	SEDAN 4DR 5 PASS RAMBLER	92-16368	70	84,500	850	021001	4	
0105	SEDAN 4DR 5 PASS RAMBLER	92-17027	70	76,300	775	010401	5	
0105	SEDAN 4DR 5 PASS AM MOTOR	92-19318	73					
0105	SEDAN 4DR 5 PASS AM MOTOR	92-19319	73	32,300	1,975	010401	2	
0200	STATION WAGON AM MOTOR	93-13699	72					

Figure 3. Sample Replacement Justification Form

FISCAL YEAR 74 AUTOMOTIVE/CONSTRUCTION EQUIPMENT

FACSO RPT SYM/NO 11240/B9003R02 DESCRIPTIVE REFERENCE FILE LISTING

T/C	EC & T	P-1 NO	DESCRIPTION	DESCRIPTION (LONG VERSION)	ALLOW CODE	EST UNIT COST	YR ELIG	TYPE CODE	DOD CODE	DOD GRP
	000010	10	MISC WGHT ATTCH	MISC WEIGHT HANDLING ATTACHMENTS	0000	000000	00	4		
	000030	02	MISC AUTO ATTCH	MISCELLANEOUS AUTOMOTIVE ATTACHMENTS	0000	000000	00	3		
	000040	04	MISC CMBP ATTCH	MISCELLANEOUS CMB&P ATTACHMENTS	0000	000000	00	4		
	000060	06	MISC E/MV ATTCH	MISCELLANEOUS EARTH MOVING ATTACHMENTS	0000	000000	00	4		
	000080	08	MISC CONS ATTCH	MISCELLANEOUS CONSTRUCTION ATTACHMENTS	0000	000000	00	4		
	006000	01	BUS BOC 12 PASS	BUS MOTOR BOC 12-PASS 4X2 (AIRPORT TYPE)	0060	008000	66	1	06	B
	006001	01	BUS BOC 12 PASS	BUS MOTOR BOC 12-PASS 4X2 (AIRPORT TYPE)	0060	008000	66	1	06	B
	006100	01	BUS BOC 16 20P	BUS MOTOR BOC 16-20-PASS 4X2 10.000 GVW	0061	007500	66	1	06	B
	006101	01	BUS BOC 20 PASS	BUS MOTOR BOC 20-PASS 4X2 10.000 GVW	0061	007500	66	1	06	B
	006200	01	BUS BOC 29 30 P	BUS MOTOR BOC 29-30-PASS 4X2 14.000 GVW	0063	009000	66	1	06	B
	006300	01	BUS BOC 36 PASS	BUS MOTOR BOC 36-PASS 4X2 19.000 GVW	0063	010000	66	1	06	B
	006301	01	BUS BOC 36 PASS	BUS MOTOR BOC 36-PASS 4X2 19.000 GVW	0063	010000	66	1	06	B
	006302	01	BUS BOC 60 PASS	BUS MOTOR BOC 60-PASS SCHOOL 4X2 GED	0063	010100	66	1	06	B
	006500	01	BUS BOC 45P F/C	BUS MOTOR BOC 45-PASS 4X2 24.000 GVW	0065	017000	64	1	07	C
	006600	01	BUS BOC 45P F/C	BUS MOTOR BOC 45-PAS W/AMBULANCE CONVERS	0065	024000	64	1	07	C
	006700	01	BUS BOC 45P F/C	BUS MOTOR BOC 45-PAS W/SIDE LOAD AMB CON	0067	019000	64	1	07	C
	007000	01	BUS INTEGRAL D	BUS MOTOR INTEG 35-47 PASS DED CTY TRNST	0070	050000	62	1	08	D
	007100	01	BUS INTEG 37 47	BUS MOTOR INTEG 37-47-PASS AMB/CONV	0071	027000	62	1	08	D
	009000	03	BUS PASS TRAIL	SEMITRAILER W/PASS CONVERSION	0090	010000	59	3	29	P
	009001	03	BUS PASS TRAIL	SEMITRLR PERSONNEL 100-PASS 14.000 GVW	0090	009500	59	3	29	P
	009500	02	MOBILE LAB	LAB, MOBILE INERTIAL (INTEGRAL BUS TYPE)	0095	008500	62	8	37	O
	009800	02	MOBILE DENTAL	MED DENTAL UNIT MOBILE SELF-PROP 4X2	0098	040000	62	6	37	O
	009900	02	MOBILE X RAY	X-RAY APPARATUS MED MOBILE SELF-PROP 4X2	0099	046000	62	6	37	O

Figure 4. CASE/MIS Master File Description Reference List Report

NAVY WIDE AGE DISTRIBUTION SUMMARY — 30 JUL 11

FACSC RPT/SYM NO. 1124C/89C51RG1 — STATUS CODE C — PAGE NO 119

P-1 CODE	EC CODE	DESCRIPTION	YEAR	TOTAL	NA	0	1	2	3	4	5	6	7	8	9
02	0327	TRK 3/4T P/U 6M	6	883		1	3	6	11	27	50	155	234	201	155
02	0327	TRK 3/4T P/U 6M	7	478		173	92	51	162						
		EQUIPMENT TOTAL		1361											
02	0328	TRK 3/4T P/U 6M	6	5			3					1	1		
		EQUIPMENT TOTAL		5											
02	0329	TRK PAN F/C	6	203					2	45	35	30	38	36	17
02	0329	TRK PAN F/C	7	185		10	25	50	100						
		EQUIPMENT TOTAL		388											
02	0330	TRK C/ALL F/C	6	450					7	35	8	62	99	126	113
02	0330	TRK C/ALL F/C	7	647		13	91	176	367						
		EQUIPMENT TOTAL		1097											
02	0331	AMBULANCE FIELD	6	24			2	1	7	3	2	1	4	2	2
02	0331	AMBULANCE FIELD	7	1		1									
		EQUIPMENT TOTAL		25											
02	0332	AMBUL FLD COM	6	140			1	6	19	16	17	22	25	29	5
02	0332	AMBUL FLD COM	7	31		30	1								
		EQUIPMENT TOTAL		171											
02	0333	AMB CONV COM FC	6	15								2	1	4	3
02	0333	AMB CONV COM FC	7	42			5	20	12	1					
		EQUIPMENT TOTAL		52											
02	0334	TRK 3/4T WEAPON	7	5						5					
		EQUIPMENT TOTAL		5											
02	0335	TRK VAN COMP WT	6	24						1		6		2	15
		EQUIPMENT TOTAL		24											

Figure 5. Sample Page from CASE/MIS Navy-wide Motor Vehicle Age Distribution Summary

MAJOR CLAIMANT MOTOR VEHICLE AGE DISTRIBUTION 74 AUG

FACSO RPT SYM/NO. 11240/B9135301 62742 FACENGCOM DIV/PACIFIC, HONOLULU HAWAII PAGE 10

OBC CODE H

DOD CODE	TOTAL INVENTORY (2)	CURRENT YEAR (3)	LESS 1 (4)	LESS 2 (5)	LESS 3 (6)	LESS 4 (7)	LESS 5 (8)	LESS 6 (9)	LESS 7 (10)	LESS 8 (11)	LESS 9 (12)	LESS 1. (13)
01	10							4	4	1	1	
34	623		96	24	124	216	2	82	54	11	6	8
06	342		58	29	11	34	73	55	25	35	21	1
07	109				10	14	12	33	21	1	11	7
08	1											1
09	131		24	7	18	34	15	13	8	7	4	1
10	7					2	2		1	1	1	
12	2710		377	100	82	356	455	174	505	316	213	133
13	252		3	10	43	37	82	29	41	5	1	1
14	213		5	5	50	26	25	25	44	20	5	8
15	1126		255	57	90	120	130	135	131	160	27	21
16	409		34	6	15	14	70	35	71	76	71	17
17	34		4			2	5	12	4	4	2	1
18	562		12	5	7	21	30	214	75	84	78	36
19	6											5
21	630		2	6	2	29	63	101	92	172	97	66
22	45						21	3	9	8		4
OBC TOTAL	7210		870	249	452	907	985	915	1085	901	538	308
TEMC TOTAL	7210	6,48 46.7	870	249	452	907	935	915	1085	901	538	308
			1740	747	[illegible]	4533	5310	[illegible]	6420	8109	[illegible]	[illegible]

Figure 6. Sample Page from CASE/MIS Major Claimant Motor Vehicle Age Distribution Summary

SELECTED NAVAIRSYSCOM 75 FEB

FACSO RPT/SYM NO. 11240/89125R01 MISSION ORIENTED ITEMS PAGE

NAVAL DISTRICT 11

TYPE CODE	ALLOWANCE CODE	EQUIPMENT CODE	DESCRIPTION	STATUS	USN	YEAR OF MFR	MFR
ACTIVITY 00246	AIR STATION, NORTH ISLAND						
6	0891	0891	TR TK 4THOU G	0	9707658	54	GARY/STL
8	0891	0891	TR TK 4THOU G	0	9709715	56	GARY CO
8	0891	0891	TR TK 4THOU G	0	9709752	56	GARY CO
8	0891	0891	TR TK 4THOU G	0	9710969	56	GARY CO
8	0891	0891	TR TK 4THOU G	0	9710990	56	GARY CO
EQUIPMENT CODE TOTAL	5						
8	5408	5408	CLEANER VACUUM	0	5402925	62	WAYNE/MFG
8	5408	5408	CLEANER VACUUM	0	5404115	68	WAYNE/MFG
6	5408	5408	CLEANER VACUUM	0	5404502	68	WAYNE/MFG
8	5408	5408	CLEANER VACUUM	0	5404503	68	WAYNE/MFG
EQUIPMENT CODE TOTAL	4						
8	7102	7102	TRK FIRE RESCUE	0	7102133	66	INT
8	7102	7102	TRK FIRE RESCUE	0	7102134	68	DODGE
8	7102	7102	TRK FIRE RESCUE	0	7102384	66	INT
EQUIPMENT CODE TOTAL	3						
8	7155	7155	TRK FIRE CRSH	0	7100969	55	CARDOX
EQUIPMENT CODE TOTAL	1						

Figure 7. Sample Page from CASE/MIS selected Naval Air Systems Command Mission Oriented Items Report

A C E / M I S A C T I V I T Y A L L O W A N C E S A N D I N V E N T O R Y 74 APR

FACSO APY SYM/NO. 1124C/59[illegible] 62470 - FACENGCOM DIV/ATLANTIC, NORFOLK VIRGINIA PAGE

CBC G - COMMANDER IN CHIEF, U.S. ATLANTIC FLEET

00209 - STATION, KEY WEST

P-1 TYP	ALLOWANCE CODE	EQUIPMENT CODE	DESCRIPTION	NAVY ALLOWANCE	OWNED INVENTORY	RENTAL ALLOWANCE	CHANGE DATE
2	[illegible]325		TRUCK PANEL PAD CONTROL 4X2 CGD 5[illegible] GVW	4			72JUN26
		[illegible]329	TRK PAN F/O		2		
			ALLOWANCE TOTAL	4	2		
	[illegible]3[illegible]		TRUCK CARRYALL F/C 8 PASS 4X2 5500 GVW	15			72JUN26
		[illegible]33[illegible]	TRK C/ALL F/O		14		
			ALLOWANCE TOTAL	15	14		
	[illegible]33[illegible]		TRUCK AMB COM FLD 4-LITTER 4X4 7000 GVW	2			72JUN26
			ALLOWANCE TOTAL	2			
	[illegible]33[illegible]		TRUCK AMB CONV COM 4-LITTER 4X2 4700 GVW	1			73APR[illegible]
		[illegible]353	AMB CONV COM F/C		1		
			ALLOWANCE TOTAL	1	1		
	[illegible]3[illegible]		TRUCK PAN PAD WAG 4X2 5,2[illegible] GVW SP	4			73APR26
			ALLOWANCE TOTAL	4			
	[illegible]34[illegible]		TRUCK, ELECTRONICS UNIT, 7,[illegible] GVW	[illegible]			72JUN26

Figure 8. Sample Page from CASE/MIS Activity Allowances and Inventory Report

CASE/MIS MASTER ACTIVITY EXTRACT REPORT (1) 75 OCT 15

FACSO RPT SYM/NO 4000/B330SR01 ACTIVITY INDEX PAGE 36

ACTIVITY UIC	ACTIVITY NAME, TITLE & LOCATION	ND CODE	ND UIC	CBC UIC	EQUIP MANAGE SUBREP	EQUIP MANAGE REP	SYS CODE
20032	LST. 1193 FAIRFAX COUNTY	97	ZZ297	00060		62470	A
20033	LST. 1194 LAMOURE COUNTY	97	ZZ297	00060		62470	A
20041	SSN. 678 ARCHERFISH						
20042	SSN. 679 SILVERSIDES						
20043	SSN. 680 WILLIAM H BATES						
20044	SSN. 681 BATFISH						
20045	SSN. 682 TUNNY						
20049	DE-1078. USS JOSEPH HEWES					ZZ203	
20050	DE. 1079 BOREN						
20051	DE. 1080 PAUL						
20052	DE. 1081 AYLWIN	97	ZZ297	00060		62470	
20053	DE. 1081 AYLWIN						
20054	DE. 1083 COOK	98	ZZ298	00070		62742	
20055	DE. 1084 MCCANDLESS						
20056	DE. 1085 DONALD B BEARY						
20057	DE. 1086 BREATON					ZZ203	
20058	DE. 1087 KIRK						
20066	DE. 1088 BARSEY	98	ZZ298	00070		62742	
20067	DE. 1089 JESSE L BROWN						
20068	DE. 1090 AINSWORTH						
20069	DE. 1091 VILLER					ZZ203	
20070	DE. 1092 THOMAS C HART						
20071	DE. 1093 CANDDANNO						
20072	DE. 1094 PHARRIS						
20073	DE. 1095 TRUETT						
20074	DE. 1096 VALDEZ						
20075	DE. 1097 MANCHESTER						
20076	PG. 9. TACOMA	98	ZZ298	00070		62742	
20076	PG. 93 WELCH						
20077	PG. 94 CHEHALIS						
20078	PG. 95 DEFIANCE						
20091	PG. 98 GRAND RAPIDS						
20092	PG. 99 BEACON						
20093	PG. 100 DOUGLAS	97	ZZ297	00060		62470	
20094	PG. 101 GREEN BAY	97	ZZ297	00060		62470	
20111	AE. 28 SANTA BARBARA	97	ZZ297	00060		62470	A
20112	AE. 29 MOUNT HOOD	98	ZZ298	00070		62742	A
20113	AE. 32 FLINT	98	ZZ298	00070		62742	A
20114	AE. 33 SHASTA	98	ZZ298	00070		62742	A
20115	AE. 34 MOUNT BAKER	97	ZZ297	00060		62470	
20116	AFS. 6 SAN DIEGO	97	ZZ297	00060		62470	A
20118	AFS. 7 SAN JOSE	98	ZZ298	00070		62742	A
20122	AOR. 4 DETROIT	97	ZZ297	00060		62470	A
20123	AOR. 3 KANSAS CITY	98	ZZ298	00070		62742	A
20124	AOR. 4 SAVANNAH	97	ZZ297	00060		62470	A
20124	AOR. 5 ABEAM	98	ZZ298	00070		62742	A

Figure 9. Sample Page from CASE/MIS Master Activity Extract Report

TEMC 62470 FACENGCOM DIV. ATLANTIC

OBC 00060 FLEET COMMANDER IN CHIEF. ATLANTIC

ACTIVITY UIC	ACTIVITY NAME. TITLE & LOCATION	ND CODE	ND UIC	EQUIP MANAGE SUBREP	OBC CODE	SYS CODE
01278	DESTROYER SQUADRON. 18	80	ZZ280		G	
01298	DESTROYER SQUADRON. 20	80	ZZ280		G	A
01303	LKA. 103 RANKIN	97	ZZ297		G	
01307	LKA. 107 VERMILLION	97	ZZ297		G	
[illegible]	DESTROYER SQUADRON. 22	80	ZZ280		G	A
01313	LKA. 93 YANCEY	97	ZZ297		G	
01331	DESTROYER SQUADRON. 24	80	ZZ280		G	A
01335	DESTROYER SQUADRON. 26	80	ZZ280		G	A
01337	DESTROYER SQUADRON. 32	80	ZZ280		G	A
[illegible]	DESTROYER SQUADRON. 36	80	ZZ280		G	
[illegible]	DESTROYER DIVISION. 22	80	ZZ280		G	
[illegible]	DESTROYER DIVISION. 42	80	ZZ280		G	
[illegible]	AOR. 1 WACCAMAW	97	ZZ297		G	
[illegible]	AF. 52 ARCTURUS	97	ZZ297		G	
01395	AF. 56 GENEBOLA	97	ZZ297		G	A
01397	AF. 58 RIGEL	97	ZZ297		G	A
01414	DESTROYER DIVISION. 222	80	ZZ280		G	
[illegible]	DESTROYER DIVISION. 322	80	ZZ280		G	
[illegible]	DESTROYER DIVISION. 362	80	ZZ280		G	
[illegible]	DESTROYER DIVISION. 601	80	ZZ280		G	
[illegible]	DESTROYER SQUADRON NRF. 30	80	ZZ280		G	A
01444	DESTROYER SQUADRON/NRF. 34	80	ZZ280		G	A
01771	LPA. 249 FRANCIS MARION	97	ZZ297		G	A
01 [illegible]	ESCORT SQUADRON. 10	80	ZZ280		G	
[illegible]	AR. 25 [illegible]	97	ZZ297		G	
[illegible]	AR. 26 [illegible]	97	ZZ297		G	
[illegible]	SERVICE SQUADRON. 2	80	ZZ280		G	A
01456	ATTACK SQUADRON. 10	80	ZZ280		G	A
01458	ATTACK SQUADRON. 12	80	ZZ280		G	
[illegible]	ARS. 6 ESCAPE	97	ZZ297		G	A
01498	ARS. 8 PRESERVER	97	ZZ297		G	A
[illegible]	ARS. 40 HOIST	97	ZZ297		G	A
[illegible]	ARS. 41 OPPORTUNE	97	ZZ297		G	A
[illegible]	ARS. 42 RECOVERY	97	ZZ297		G	A
[illegible]	LSD. 29 DUNCAN	97	ZZ297		G	
[illegible]	LSD. 29 COMSTOCK	97	ZZ297		G	
[illegible]29	LSD. 29 PLYMOUTH ROCK	97	ZZ297		G	A
01530	LSD. 30 FORT SNELLING	97	ZZ297		G	A
01532	LSD. 32 SPIEGEL GROVE	97	ZZ297		G	A
[illegible]	LSD. 34 HERMITAGE	97	ZZ297		G	A
[illegible]	CVS. 10 YORKTOWN	97	ZZ297		G	
[illegible]	CVS. 11 INTREPID	97	ZZ297		G	
[illegible]	CVT. 16 LEXINGTON	97	ZZ297		G	A
[illegible]	CVS. 18 WASP	97	ZZ297		G	A

Figure 10. Sample Page from CASE/MIS Transportation Equipment Management Center Index Report

OBC INDEX

OBC 00024 SEA SYSTEMS COMD HDQTRS. WASHINGTON

ACTIVITY UIC	NAME, TITLE & LOCATION	ND CODE	ND UIC	EQUIP MANAGE SUBREP	EQUIP MANAGE REP	OBC CODE	SYS CODE
[illegible]	ORDNANCE MISSILE TEST FAC, WHITE SANDS MISSILE RANGE	08	00214		62477	5	A
[illegible]	MARCORPS BARRACKS, BREMERTON	13	00256		62477	5	
[illegible]	SUPVR SHIPBLDG CONV/REPR, 15TH NAVAL DISTRICT	15	00510		62477	5	A
[illegible]	SUPVR SHIPBLDG CONV/REPR, NAVAL BASE	06	00202		62477	5	A
62170	SUPVR SHIPBLDG CONV/REPR, 5TH NAVAL DISTRICT	05	00190		62477	5	A
[illegible]	SUPVR SHIPBLDG CONV/REPR, 10TH NAVAL DISTRICT	10	00269		62477	5	A
62734	WEAPONS STATION ANX, CAIFFES CREEK	05	00190		62477	5	
62792	SHIPBUILDING LIAISON OFF, SPAIN	31	ZZ231		62477	5	A
62886	SUPVR SHIPBLDG CONV/REPR, ERIE IRON WORKS CORP	01	00108		62477	5	A
[illegible]	SUPVR SHIPBLDG CONV/REPR, 4TH NAVAL DISTRICT	04	00175		62477	5	A
[illegible]	SUPVR SHIPBLDG CONV/REPR, BAY CITY	09	00248		62477	5	
62891	SUPVR SHIPBLDG CONV/REPR, 11TH NAVAL DISTRICT	11	00282		62477	5	
62893	SUPVR SHIPBLDG CONV/REPR, NEWPORT NEWS	05	00190		62477	5	A
62894	SUPVR SHIPBLDG CONV/REPR, 3RD NAVAL DISTRICT	03	00159		62477	5	A
62895	SUPVR SHIPBLDG CONV/REPR, PASCAGOULA	06	00202		62477	5	A
62896	SUPVR SHIPBLDG CONV/REPR, QUINCY	01	00108		62477	5	A
[illegible]	SUPVR SHIPBLDG CONV/REPR, 12TH NAVAL DISTRICT	12	00269	62474	62477	5	A
[illegible]	SUPVR SHIPBLDG CONV/REPR, SEATTLE	13	00256		62477	5	
[illegible]	ORDNANCE TEST UNIT, PATRICK AIR FORCE BASE	06	00202		62477	5	A
[illegible]	PLANT REP OFFICE, GENL DYN POMONA DIVISION	11	00282		62477	5	A
62970	WEAPONS STATION ANX, YORKTOWN					5	
62982	PLANT REP OFFICE, MISHAWAKA	09	00248		62477	5	A
[illegible]	PLANT REP OFFICE, SILVER SPRING	21	00171		62477	5	
[illegible]	PLANT REP OFFICE, LOCKHEED MSL AND SPACE CO	12	00269		62477	5	A
[illegible]	SUPVR SHIPBLDG CONV/REPR, 9TH NAVAL DISTRICT	09	00248		62477	5	A
[illegible]	PLANT REP OFFICE, AERO JET-GENERAL CORP	11	00282		62477	5	
[illegible]	POLARIS MISSILE FACILITY, ATLANTIC	06	00202		62477	5	
63124	SUPVR SHIPBLDG CONV/REPR, 8TH NAVAL DISTRICT	08	00214		62477	5	
63145	WEAPONS SERVICE OFFICE, PHILADELPHIA					5	
63167	NATO WEAPONS PROD PROG, OSLO					5	
63191	US MIL ASSISTANCT CMD, SAIGON	40	ZZ240		62742	5	
63200	ASTRONAUTICS GROUP, PLANT NO 60	11	00282		62477	5	
[illegible]	PLANT REP OFFICE, GOODYEAR AEROSPACE CORP	04	00175		62477	5	A
[illegible]	PLANT REP OFFICE, HERCULES POWDER CO	12	00289		62477	5	A
[illegible]	SHIP ACOUST SYS ENGR STA, PORT HUENEME	11	00282		62477	5	
63402	STRATEGIC WEAPONS FAC, PACIFIC	13	00256		62477	5	
63423	MAT DATA SYSTEMS GROUP, MORGANTOWN	05	00190		62477	5	A
64267	FLT MISSILE S ANAL/EVAL G, CORONA	11	00282		62477	5	
64281	SHIPS ENGINEERING CTR DIV, NORFOLK	05	00190		62477	5	
[illegible]	FLEET TGT REP SURP SVS UN, DAVISVILLE	01	00109		62477	5	
[illegible]	PLANT REP OFFICE, PITTSFIELD	01	00108		62477	5	A
[illegible]	SHIP ENGINEERING CTR, HYATTSVILLE	21	00171		62477	5	
[illegible]	PLANT REP OFFICE, SPERRY RAND CORP	03	00159		62477	5	A
[illegible]	SHIP ENGINEERING CTR, PHILADELPHIA DIVISION	04	00175		62477	5	A
65592	SHIP ENGINEERING CTR, PORT HUENEME DIVISION	11	00282		62477	5	

Figure 11. Sample Page from CASE/MIS Master Activity Extract Report

NAVY SYSTEM DESCRIPTION

SYSTEM TITLE: ENLISTED PERSONNEL SYSTEM **ACRONYM:** NES

DOD ADPS/ADS/IDENTIFIER CODE: N100/NP02/N00022PE01-5

REFERENCES:

(a) BUPERSINST 1080.51 - Enlisted Distribution and Verification Report (EDVR); format and procedures for validation of

(b) Navy Pay and Personnel Procedures Manual (PAYPERSMAN), NAVSO P-3050

(c) Enlisted Transfer Manual (TRANSMAN), NAVPERS 15909

(d) Manual of Navy Enlisted Manpower and Personnel Classifications and Occupational Standards, Section II, NAVPERS 18068D

(e) BUPERS and BUMED 1221 series directives

(f) Department of Defense Military Pay and Allowances Entitlements Manual

(g) Manual of Qualifications for Advancement, NAVPERS 18068

(h) BUPERSINST 1430.12J

(i) OPNAVINST 1300.6C

(j) Navy Comptroller (NAVCOMPT) Manual, NAVAO P-1000

(k) Policy of the detailing control authority

(l) DOD Information Security Program Regulation, OPNAVINST 5510.1D

(m) BUPERINST 5521.2E

(n) Bureau fo Naval Personnel Manual (BUPERSMAN), NAVPERS 15791B

PARENT SYSTEM: Navy Manpower and Personnel Management Information System (MAPMIS)

MANAGER: Deputy Assistant Chief of Naval Personnel for Management Information (PERS-3C2)
Bureau of Naval Personnel
Arlington, VA 20370
Telephone: 694-5724

CONTACT POINT: Enlisted ADP Liaison (PERS-3C221)
Telephone: 694-3275

SUBJECT/FUNCTIONS:

Personnel,
Military
Enlisted

- Determining Requirements
- Scheduling Movement
- Establishing an Accounting Record
- Retrieving and/or Reporting Data
- Classifying/Categorizing/Sorting
- Updating
- Administering (Managing) and Supporting

SYSTEMS CHARACTERISTICS:

General: The enlisted application is the largest part of MAPMIS, simply because enlisted personnel make up most of the Navy. This system provides enlisted personnel managers with timely and accurate personnel statistics from a central data base; provides strength projections to distribution, detailing, and policy managers; tracks the personnel pipeline and performs exception reporting; provides ADP support for new recruiting programs in consonance with the all-volunteer concept; supports the pay system under JUMPS; and provides historical data in support of personnel research programs. It is an extremely active, dynamic system requiring continual updating. A chart depicting the general system flow is shown in Figure 1.

Input: Information for the entry into the NES comes from many sources; changes and error corrections come from various BUPERS divisions; education data is supplied by Chief of Naval Education and Training (CNET); advancement information comes from the Examination Center; the U.S. Army Recruiting Command supplies information on Navy recruit accessions; the Navy Finance Center provides pay data, Ft. Holabird, Maryland, forwards security information. Much of the information in the NES data bank is provided by the individual enlisted personnel themselves and the units to which they are attached for duty. Information is submitted by entries on the enlisted personnel diary (a sample extract of which is shown in Figure 2), various Optical Character Recognition (OCR) documents (number of dependent forms, TAD information, etc.), letters, and messages.

Diaries are sent to the Personnel Management Information Center (PERMIC) in New Orleans for processing, other documents and correspondence are forwarded directly to BUPERS for extraction of information and file entry as required. Input on enlisted personnel from activities other than the units to which they are attached is also forwarded directly to BUPERS.

Processing: Diaries are received at PERMIC to be microfilmed and filed. Diary data are also keypunched on cards for processing into magnetic tape files. These latter data are forwarded electrically to duplicate magnetic tape files at BUPERS which are used to enter data into the various files of the enlisted personnel segment of MAPMIS. Information on enlisted personnel received directly at BUPERS by OCR forms, letters, and messages is entered into the various files via an OCR reader, and keypunched cards using input programs. A magnetic tape record of this data is sent electrically to PERMIC for a duplicate file record. Various programs are activated at BUPERS to generate the many recurring and one-time enlisted personnel reports which are produced each month.

Output: Over 300 recurring and many one-time special reports are produced each month, especially tailored for use primarily by BUPERS Code 4. The data base is also used to prepare detailing and distribution orders, extract summary statistics, strengths, and force structure (strength by designator, grade, years of service, etc.). These reports of personnel accounting by various categories are of interest to OPNAV and DOD for manpower budgeting and accounting. Sample pages of some of the reports are attached as Figures 3 through 5. One of the most important documents produced by the NES segment of MAPMIS is the Enlisted Distribution and Verification Report (EDVR). The EDVR is prepared monthly by BUPERS as a statement of account which provide activities with a routine system for verifying information in the NES data files. It also provides BUPERS with information to determine enlisted personnel requirements. Data elements of the NES files reflected on the EDVR are listed and described in Figure 6. The validity and accuracy of the information on the EDVR is checked as soon as possible after receipt and necessary corrections are made by the unit through personnel diary entry, OCR document, or other correspondence as indicated in BUPERS instruction 1080.51 (format and procedures for validation of EDVR).

INTERFACES:

Joint Uniform Military Pay System (JUMPS)
Chief of Naval Education and Training (CNET)
Navy Integrated Training Resource and Administration System (NITRAS)
Navy Campus for Achievement (NCFA)

Navy Enlisted Advancement System (NEAS)
Chief of Naval Reserve Command (CNRC)
U.S. Army Recruiting Command (USAREC)
Center for Naval Analysis (CNA)
Naval Personnel Research and Development Center (NPRDC)

USERS: Besides the many BUPERS codes using the Enlisted MAPMIS outputs, approximately 90 naval addressees receive regular reports. The principal users are:

DOD, CNO, PERMIC, BUMED, CNET, major fleet and shore commands, systems commands, NFC, Cleveland, NPRDC San Diego, Center for Naval Analysis, and the Naval Reserve Manpower Center.

INPUT SOURCES: OPNAV, BUPERS, BUMED, NAVCOMPT, PERMIC, CNET, NFC, USAREC, Ft. Holabird, examination centers, fleet and shore units.

METHOD FOR ACCESSING: No on-line query capability. Cards, tape extracts, or hardcopy may be obtained by request to the contact point, using form NAVPERS 5230/34.

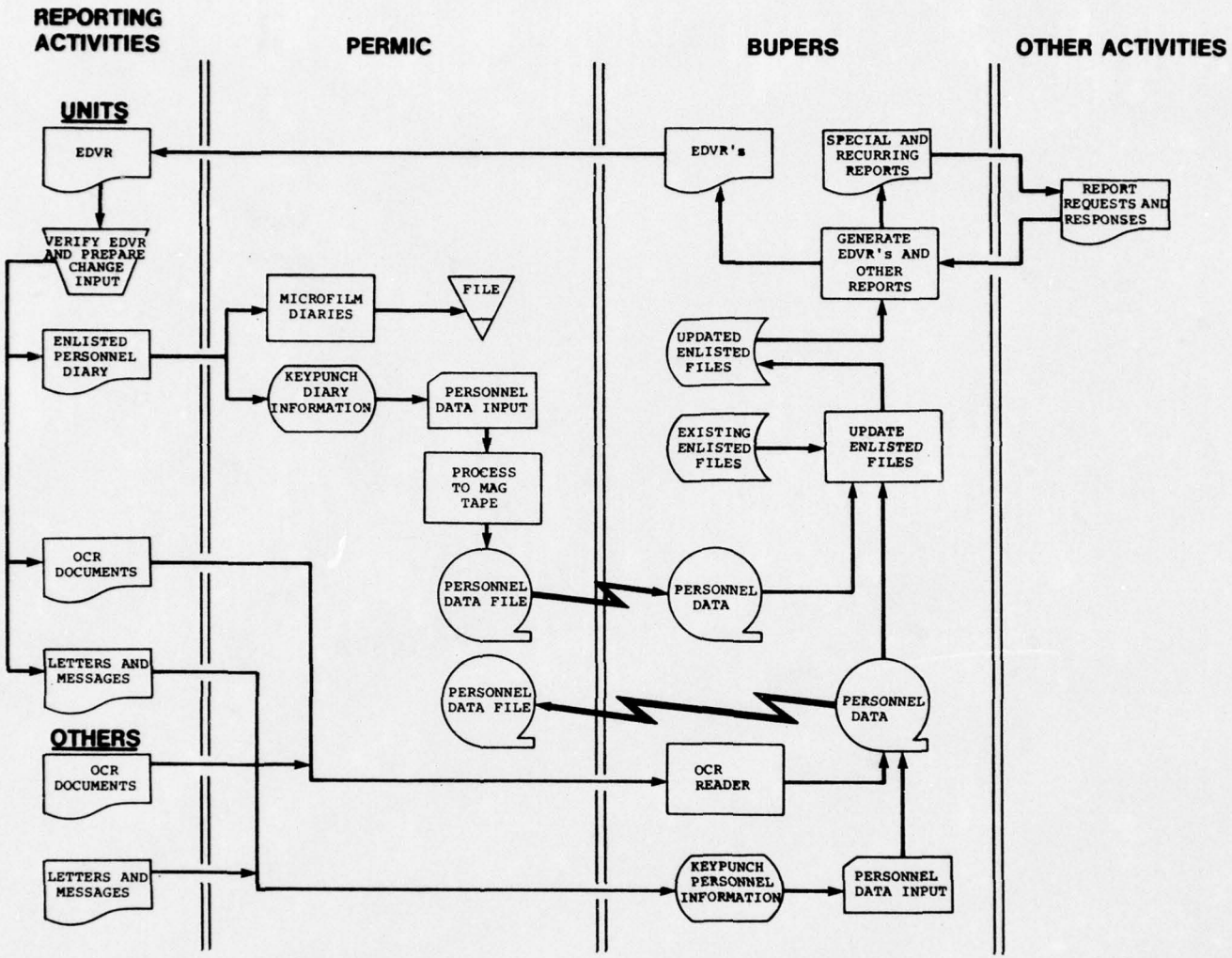
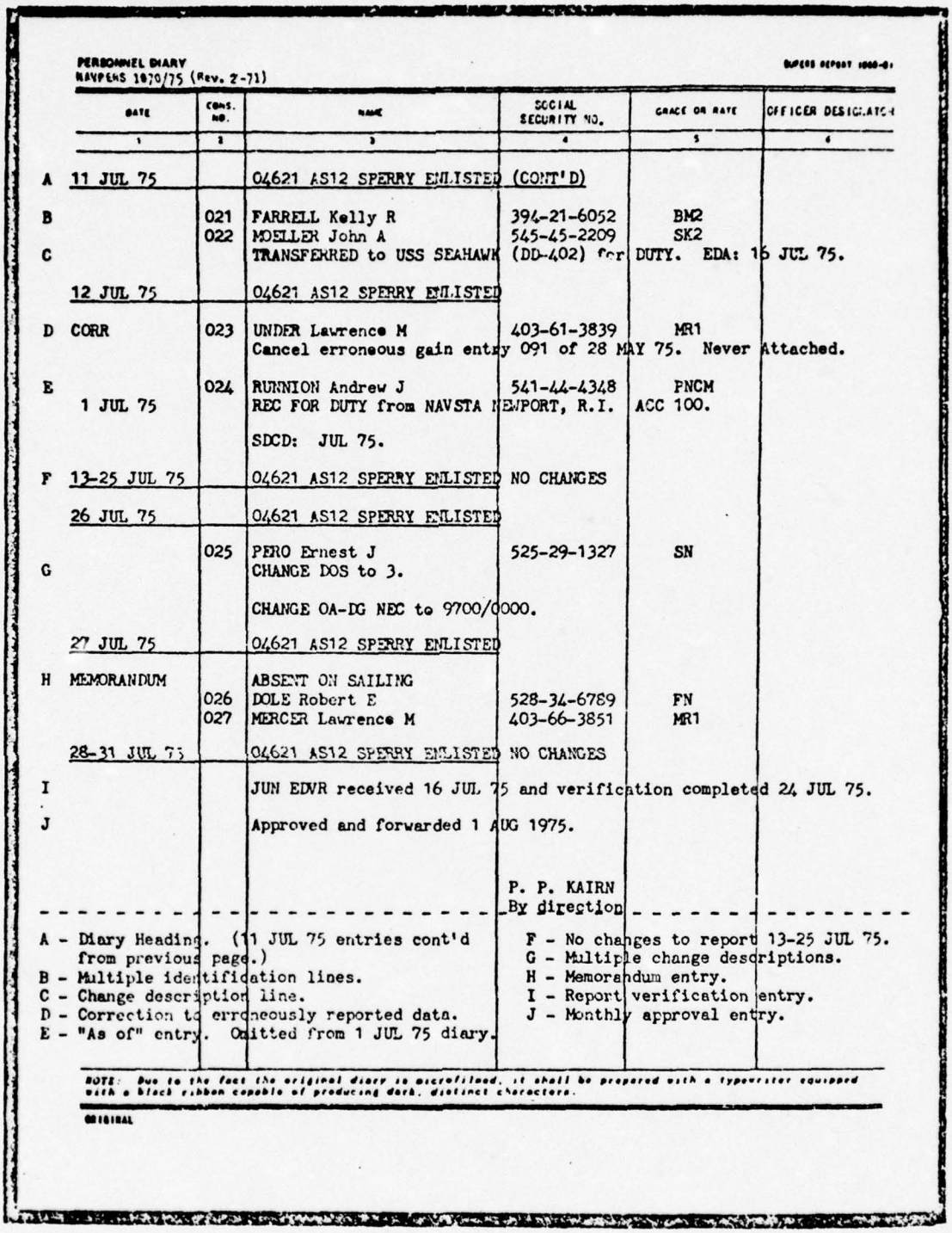


Figure 1. General System Flow—Enlisted Segment of MAPMIS



PERSONNEL DIARY
NAVPERS 1070/75 (Rev. 2-71)

BUPERS REPORT 1080-01

	DATE	CONS. NO.	NAME	SOCIAL SECURITY NO.	GRADE OR RATE	OFFICER DESIGNATION
	1	2	3	4	5	6
A	11 JUL 75		04621 AS12 SPERRY ENLISTED (CONT'D)			
B		021	FARRELL Kelly R	394-21-6052	BM2	
		022	MOELLER John A	545-45-2209	SK2	
C			TRANSFERRED to USS SEAHAWK (DD-402) for DUTY. EDA: 16 JUL 75.			
	12 JUL 75		04621 AS12 SPERRY ENLISTED			
D	CORR	023	UNDER Lawrence M	403-61-3839	MR1	
			Cancel erroneous gain entry 091 of 28 MAY 75. Never Attached.			
E		024	RUNNION Andrew J	541-44-4348	PNCM	
	1 JUL 75		REC FOR DUTY from NAVSTA NEWPORT, R.I.		ACC 100.	
			SDCD: JUL 75.			
F	13-25 JUL 75		04621 AS12 SPERRY ENLISTED	NO CHANGES		
	26 JUL 75		04621 AS12 SPERRY ENLISTED			
		025	PERO Ernest J	525-29-1327	SN	
G			CHANGE DOS to 3.			
			CHANGE OA-DG NEC to 9700/0000.			
	27 JUL 75		04621 AS12 SPERRY ENLISTED			
H	MEMORANDUM		ABSENT ON SAILING			
		026	DOLE Robert E	528-34-6789	FN	
		027	MERCER Lawrence M	403-66-3851	MR1	
	28-31 JUL 75		04621 AS12 SPERRY ENLISTED	NO CHANGES		
I			JUN EDVR received 16 JUL 75 and verification completed 24 JUL 75.			
J			Approved and forwarded 1 AUG 1975.			
				P. P. KAIRN		
				By direction		

A - Diary Heading. (11 JUL 75 entries cont'd from previous page.)
B - Multiple identification lines.
C - Change description line.
D - Correction to erroneously reported data.
E - "As of" entry. Omitted from 1 JUL 75 diary.
F - No changes to report 13-25 JUL 75.
G - Multiple change descriptions.
H - Memorandum entry.
I - Report verification entry.
J - Monthly approval entry.

NOTE: Due to the fact the original diary is microfilmed, it shall be prepared with a typewriter equipped with a black ribbon capable of producing dark, distinct characters.

ORIGINAL

Figure 2. Sample Page of Enlisted Personnel Diary

08/12/75

0 1	0 2	0 3	0 4		C 5	0 6
ERRINGTON ROBERT LAWRENCE	AMH2	566729174	MDHCLDCO	SDIEGO	370	7507
ERICKSON RICHARD P	SA	569C40634	MDHCLDCO	SDIEGO	370	7507
BASCO ALFONSO PARAS	HM1	572721640	MDHCLDCO	SDIEGO	370	7507
*** TOTAL *** ONBOACTUALUIC = '39261', TOTAL = 35						
CONTRERAS RICARDO ANN	AA	457118481	MDHCLDCO	CORPUS	370	7507
*** TOTAL *** ONBOACTUALUIC = '39264', TOTAL = 1						
LUHY DANIEL DONALD	ETN2	089388636	NS	CHARLESTON	370	7507
SYLVESTER RONALD EUGENE	BTFN	245943582	NS	CHARLESTON	370	7507
BOLT WAYMON D	RMCS	248463804	NS	CHARLESTON	370	7507
HARRIS JOHN BERNARD	HTFA	248941910	NS	CHARLESTON	370	7507
SEALEY BURTON D JR	YN1	262588470	NS	CHARLESTON	370	7507
IAQUINTO THOMAS VINCENT	YN2	266700782	NS	CHARLESTON	370	7507
MELLON GEORGE KEITH JR	TM2	384503267	NS	CHARLESTON	370	7507
REDDOCK PHILLIP DWAYNE	BTFN	429118168	NS	CHARLESTON	370	7507
CIABATTONI GERALD A	SKC	453582973	NS	CHARLESTON	370	7507
LINDSEY JOHN WALTER	BTFN	587927704	NS	CHARLESTON	370	7507
*** TOTAL *** ONBOACTUALUIC = '61165', TOTAL = 10						
CROWE WILLIAM D JR	YN1	156241194	FLEACT	OKINAWA	370	7507
*** TOTAL *** ONBOACTUALUIC = '62254', TOTAL = 1						
FELIX GREGORY MICHAEL	HMFN	022363985	CB CEN	PHUENEME	370	7507
MARKS ELMER JAY	MS2	160407061	CB CEN	PHUENEME	370	7507
*** TOTAL *** ONBOACTUALUIC = '62583', TOTAL = 2						
PRITZMAN DWIGHT LAVERNE	AT3	186380154	NATTC	MEMPHIS	370	7507
*** TOTAL *** ONBOACTUALUIC = '63093', TOTAL = 1						
WOOLSEY RONALD EDGAR	ETR2	497584717	NAVUN	LOWRY AFB	370	7507
SPEARS ROY LEE JR	SKSN	515601478	NAVUN	LOWRY AFB	370	7507
YOUNG PERRY JOEL	OS3	522684413	NAVUN	LOWRY AFB	370	7507
REDENIUS MARK CHARLES	SA	570983594	NAVUN	LOWRY AFB	370	7507
*** TOTAL *** ONBOACTUALUIC = '64165', TOTAL = 4						
MILLER NORMAN EARL JR	HN	023367728	NAVALREHCEN	JAX	370	7507
ROSE STEPHEN BRUCE	SN	264254374	NAVALREHCEN	JAX	370	7507
JOHNSON DONALD CARL	YN1	426822863	NAVALREHCEN	JAX	370	7507
WRIGHT GEORGE STEVEN	AO3	430043076	NAVALREHCEN	JAX	370	7507
MCGEE CHARLES NEAL	SA	441486436	NAVALREHCEN	JAX	370	7507
STROUD WENDELL BLAKE	ACAN	450869270	NAVALREHCEN	JAX	370	7507
BARNES RICHARD NEIL	MRFR	450949656	NAVALREHCEN	JAX	370	7507
CARRICO GARELD DEE	BM3	478603605	NAVALREHCEN	JAX	370	7507
*** TOTAL *** ONBOACTUALUIC = '68298', TOTAL = 8						

*** TOTAL DATABASE RECORDS SELECTED = 678 ***

Figure 3. Sample Page from Monthly Report of Enlisted Personnel Assigned to Temporary Duty Under Treatment

362 B/P MAPMIS 1900 2235 E M 09-14-75
ENLISTED PERSONNEL DISABILITY SEPARATIONS
9-31-75
19012235

PAYGRADE	DISABILITY SEPARATION WITH SEVERANCE PAY	DISABILITY SEPARATION WITHOUT SEVERANCE PAY
E-7	1	
E-6	3	1
E-5	23	1
E-4	64	19
E-3	51	34
E-2	47	52
E-1	19	16
FINAL	208	133
		341

Figure 4. Sample Report of Disability Separations NES Subsystem of MAPMIS

USN HM & DT ENL PERS BY RATING W/I PNEC SPREADING TERM W/I FY E40S
05-30-75
11332054

		FISCAL YEAR																					
		EXPIRED		CURRENT		+1		+2		+3		+4		+5 & OVER		TOTAL							
		1ST		1ST		1ST		1ST		1ST		1ST		1ST		1ST							
PNEC	RATING	TERM	CAREER	TERM	CAREER	TERM	CAREER	TERM	CAREER	TERM	CAREER	TERM	CAREER	TERM	CAREER	TERM	CAREER						UNK
E492	HMCS												2		1				3				
	HMC		1		2		1		2		3		2		3				14				
	HM1			1		1	5	2	1		5		1		2	4			14				
	HM2	1		2		1	2		4	2	5				2	6			13				
	HM3					10			1	1					1	11			2				
	PC TOT	1	1	3	2	12	8	2	8	3	15		3		9	21			46				
E492		1	1	3	2	12	8	2	8	3	15		3		9	21			46				
E493	HMCM														1				1				
	HMCS				1				4				1		2				8				
	HMC				4		2		11		9		7		6				39				
	HM1				2	1	10		5	1	4		1		5	2			27				
	HM2			1	1	5	5	2	3		3				3	8			15				
	HM3			1		4		1							1	6			1				
	PC TOT			2	8	10	17	5	23	1	16		9		13	16			91				
E493				2	8	10	17	3	23	1	16		9		13	16			91				
E495	HM1								1				1						2				
	HM2			4	2	1		1	1		2		2			6			7				
	HM3			3		6	1	1					2	1		11			3				
	PC TOT			7	2	7	1	2	2		2		5	1		17			12				
	HN			3		1										4							
	HA							1								1							
	ST TOT			3		1		1								5							
E495				10	2	8	1	3	2		2		5	1		22			12				
E496	HMC						1		1				1						3				
	HM1									1						1							
	HM2			1					1		1					1			2				
	HM3					1				1						2							
	PO TOT			1		1	1		2	2	1		1			4			5				
E496				1		1	1		2	2	1		1			4			5				

Figure 5. Sample Page from a Report of the NES Subsystem of MAPMIS

DATA ELEMENT NAME	DESCRIPTION
ACTIVITY NAME	The activity's name as currently carried by the Personnel Management Information Center (PERMIC).
UNIT IDENTIFICATION CODE (UIC)	This five-character code assigned by the Comptroller of the Navy is used by BUPERS in all its automated personnel accounting systems.
EFFECTIVE DATE OF BILLETS AUTHORIZED	The DA-MO-YR of the most current authorization available at PERMIC.
BILLETS AUTHORIZED REVISION NUMBER	The revision number of the most current Manpower Authorization (OPNAV Form 1000/2) used to prepare authorizations for the EDVR.
DATE OF LAST JOURNAL PROCESSED	The DA-MO-YR indicating the latest date that prospective gain/loss information was received from the appropriate detailing control authority. The MAPMIS source of all prospective data is the detailing control authority through an internal journal system similar to the personnel diary.
SEA/SHORE CODE	The type duty category of the activity.
HOMEPORT/AREA/CITY CODE (HP/A/C)	A code related to the Sea/Shore code.
FORCE, TYPE, DISTRICT CODE (FTD)	A composite grouping code determined by the cognizant manning control authority.
ENLISTED DISTRIBUTION COMMANDER CODE (EDC)	A code used by CHNAVPERS to identify the distribution commander to whom members have been made available, or the distribution commander from whom members are received.
MANNING CONTROL AUTHORITY	Identifies the command responsible for manning control of the activity.

Figure 6. Major MAPMIS Enlisted Subsystem Data Elements (Page 1 of 4 pages)

DATA ELEMENT NAME	DESCRIPTION

MILITARY MANPOWER CLAIMANT CODE (MMCC)
Identifies the command, bureau, or office in the administrative chain of command having responsibility for managing military manpower requirements of the activity. Also identifies sub-claimants when assigned.

FUNCTIONAL AREA CODE
A code used to modify a given billet because of certain manpower controls or utilization considerations.

SPECIAL CATEGORY
A code used to further identify members and/or billets under the direct detailing control of the CHNAVPERS.

DESIGNATOR
A code used to identify member's special qualifications.

LIMITED DUTY DESIGNATOR
A code identifying the limitations of duty to which a member can be assigned.

MEMBER'S NAME
Not to exceed 15 positions, consisting of complete surname if possible, and as much of the first and middle names as possible, including any suffix.

SOCIAL SECURITY NUMBER
Self explanatory.

ACTUAL RATE
The actual rate is the combination of general or service rating and the pay grade. This block will be blank except when it differs from the distribution rate.

DISTRIBUTION RATE
The rate on which assignment by the cognizant detailing control authority is determined. This may be based on a Naval Examining Center rate advancement authority, rate conversion program, programmed school input, or to align a member with a specific billet.

PROFICIENCY PAY CODE
A code identifying the award level, the monetary value, and the category of proficiency pay a member is drawing.

NAVY ENLISTED CLASSIFICATION CODE
The Primary Navy Enlisted Classification Code (PNEC) and Secondary Navy Enlisted Classification Code (SNEC) identifying certain skills not indicated by rating. Occupational Area Defense Grouping (OA-DG) entry codes are always shown as PNECs. Special series codes will always be shown as SNECs.

DATA ELEMENT NAME	DESCRIPTION
DISTRIBUTION NAVY ENLISTED CLASSIFICATION CODES	The PNEC and SNEC billet requirements reflected in the manpower authorization.
CITIZENSHIP	A code identifying the member's citizenship.
SEX CODE	An indicator denoting the member's sex.
SECURITY DATA	A code indicating the type of security investigation conducted on a member.
DEPENDENCY	A code representing the primary and secondary dependency or marital status, and the secondary dependency.
DEPENDENT(S) ON STATION OVERSEAS	A code identifying the number of dependent(s) residing overseas whose sponsor is attached to an overseas station or nonrotating ship homeported overseas.
ACTIVE DUTY SERVICE DATE	The MO-YR from which total active military service may be computed.
BRANCH AND CLASS OF SERVICE	A code identifying the individual's branch and class of service.
ACTIVE DUTY OBLIGATION	The total period of time a member has indicated he is willing to serve on active duty.
INVOLUNTARY EXTENSION	The number of months that a member will be extended involuntarily beyond his expiration of enlistment date, or RAD date.
PROJECTED ROTATION DATE (PRD)	The MO-YR indicating the date member will complete his current or prospective tour of duty. Member's PRD is recorded in the MAPMIS by the detailing control authority at the time assignment to an activity is made.

Figure 6. Cont'd. (Page 3 of 4 pages)

DATA ELEMENT NAME	DESCRIPTION

SELECTIVE RETENTION INDICATOR (SR)

Used by CHNAVPERS to identify personnel who have indicated intentions to remain on active duty but have not acquired additional obligated service by executing a contractual agreement to extend or reenlist. Updated within BUPERS.

SEA DUTY COMMENCEMENT DATE (SDCD)

The MO-YR indicating the date that an individual commenced his present continuous tour of sea duty.

SHORE DUTY COMMENCEMENT DATE (SHDCD)

Tours of shore duty commence when a member first reports for duty in a unit, staff, or activity classified as shore duty or preferred overseas shore duty.

DATE RECEIVED

The date that the member was initially received on board; for prospective gains, the date that PERMIC received the prospective gain information.

DUTY STATUS

A code indicating the member's current on-board status, or that the member is a prospective loss from or gain to an activity.

ESTIMATED DATE OF ARRIVAL OR LOSS

The date the member is estimated to arrive or be lost, as indicated by orders, awaiting commissioned status or transfer to Fleet Reserve or Retired List, as appropriate.

PROSPECTIVE GAIN OR LOSS AUTHORITY

A code established by the detailing control authority for reference purposes, involving transfer of a member to or from an activity. This code refers to authority of the source document and does not in itself constitute a directive to effect transfer, retirement or commission of a member.

Figure 6. Cont'd. (Page 4 of 4 pages)

NAVY SYSTEM DESCRIPTION

SYSTEM TITLE: Environmental Quality Data System
ACRONYM: EQDS

DOD ADPS/ADS/IDENTIFIER CODE: NB00/NG11/N62583G001-11

REFERENCE: Navy Facilities Systems (NFS) Manual
NAVFAC P-424, June 1974

PARENT SYSTEM: Navy Facilities System (NFS)

MANAGER: Commander
Naval Facilities Engineering Command
200 Stoval St. (Hoffman Bldg. 2)
Alexandria, Va. 22322
Telephone: 325-0401 (NFAC-00A)

POINT OF CONTACT: Assistant Commander for Operations
and Maintenance (NFAC-104A)
Naval Facilities Engineering Command
200 Stoval St. (Hoffman Bldg. 2)
Alexandria, Va. 22322
Telephone: 325-0436

SUBJECT/FUNCTIONS: Environment, Ecology/Administrative Support.

SYSTEMS CHARACTERISTICS:

General: The EQDS is a collection of data systems which provide ADP support to the Naval Environmental Protection Support Service (NEPSS). Inputs range from measurements of pollution sources into the environment (land, water, and air) to indices of legal requirements and documents. The objective is to create a central, official source of data that demonstrates environmental effects of Navy ships, aircraft, and shore installations. Four of the systems process data on emissions from Navy ships collected by special test teams. Data are collected on non-oily wastes, oily wasts, solid wastes, and gaseous wastes with efforts on the collection, processing, and analysis of data being concentrated primarily in the non-oily liquid waste area. Consequently, while the methodology of all four systems is similar, the non-oily liquid waste system is the most automated. A general system flow chart of this system is depicted at figure 1.

Input: Non-oily liquid waste data are collected by sampling and monitoring flow rates of liquids in waste drain lines of ships. The number of samples taken and the number of monitoring meters utilized depends on the purpose of the survey (e.g. initial data collection, verification of previous data) and the piping configuration of the ship. Figures 2 and 3 show the data record elements and formats utilized in the collection effort. Forms

are sent to the Naval Ship Research and Development Center (NSRDC) for processing.

Information on oily waste is collected by performing periodic soundings of the various bilge areas of a ship, estimating the volume of free surface oil and taking samples of the liquid layers for concentrations of suspended oil and solids. The completed form (sample at figure 4) is forwarded to the NSRDC.

Solid waste data are collected by a ship's crew while at sea and by special teams when a ship is in port. The waste is weighed and its volume recorded for a specific period. The records are forwarded to the NSRDC for processing. See figure 5 for a sample input data sheet.

Gaseous waste surveys performed to date have been for the purpose of defining the methodology and measuring the performance of in-stack emmission monitoring. A sample record of the data is shown in figure 6.

Processing: In the non-oily liquid waste data system, records of ships' liquid waste flow rates are reviewed and waste samples analyzed to provide information which is recorded in formats suitable for automated processing, storage, and retrieval. The data are analyzed producing mass emission factors which, with data on ship characteristics and inventories, are used to extrapolate data on fleets, ship types, and commands for use in report generation as required. The processing of other waste data is accomplished in essentially the same manner but because the data are not as extensive as those for non-oily liquid waste, much of the processing and analysis is done manually.

Output: Examples of the reports generated by the systems and forwarded to users are depicted in figures 7 through 12. The reports are identified by their figure titles.

INTERFACES: Fleet inventory and ship characteristics files.

USERS: NAVFAC, NAVSEAS, NAVAIR, BUMED, NAVOCEANO, Navy Commands, major claimants and ships of the fleet.

INPUT SOURCES: Same as "USERS" (except for Navy commands and major claimants) plus ships of the fleet.

METHOD OF ACCESS: Address request for data to the system point of contact.

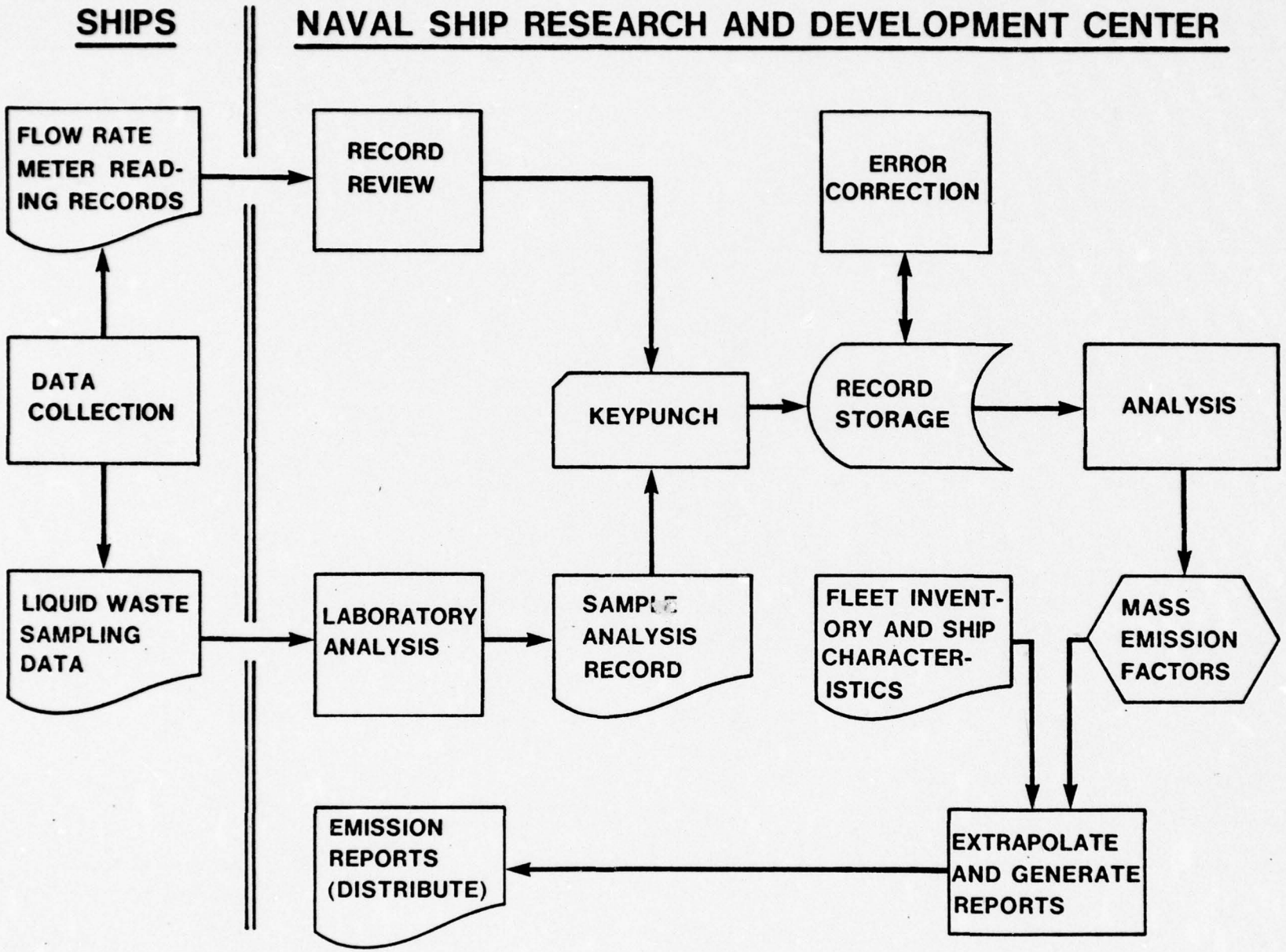
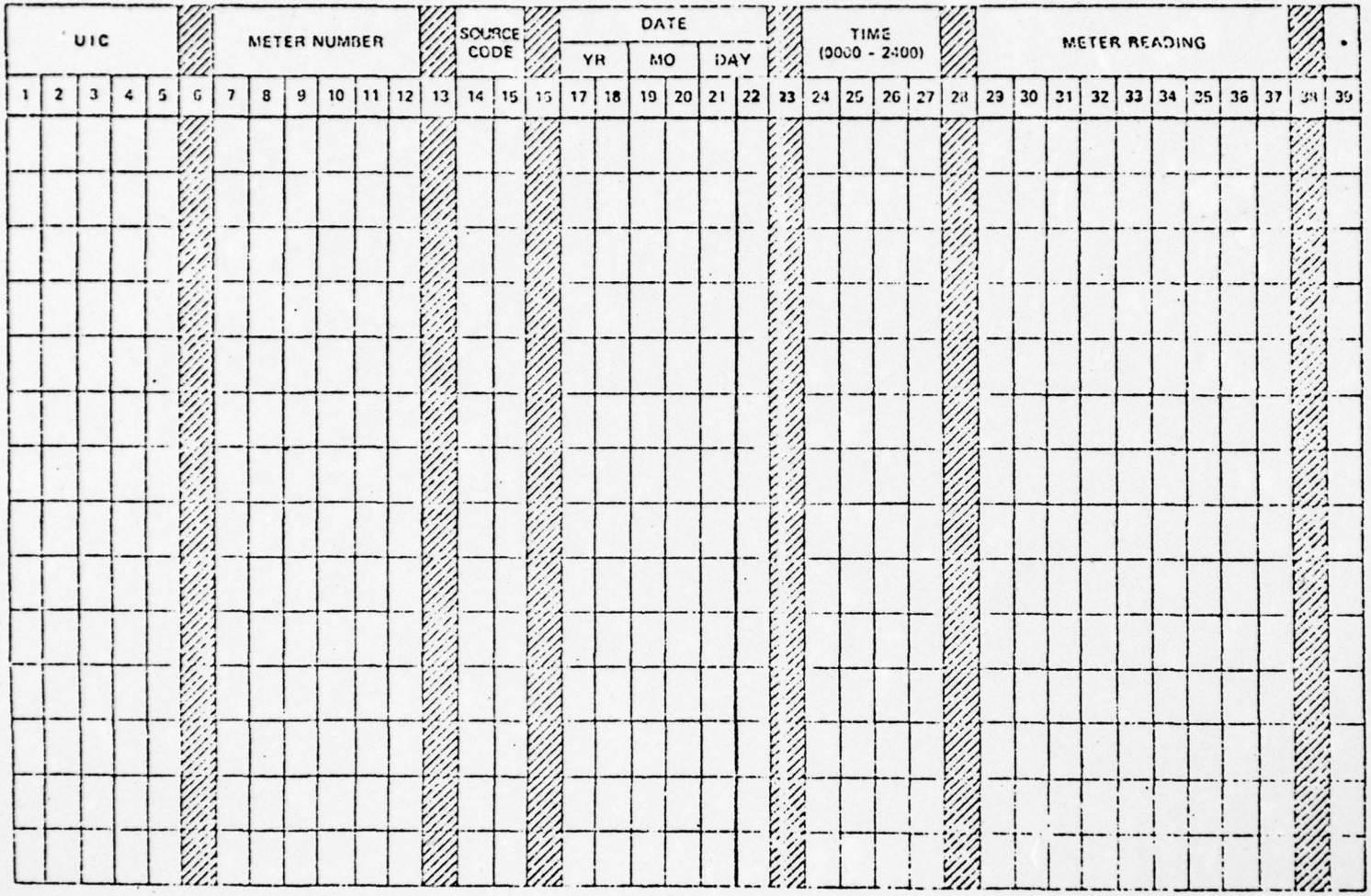


Figure 1. Non-oily Liquid Waste Data System Flow.

LIQUID WASTE FLOW RECORD
NAVAL SHIPS



NDW-NSRDC 6240/1

*If METER TROUBLE has occured, enter "P"

Figure 2. Non-oily Liquid Waste Flow Record Form

LIQUID WASTE ANALYSIS RECORD
NAVAL SHIPS

CARD 1

UIC [1][2][3][4][5] Date [7][8] Year [9][10] Month [11][12] Day

Source Code [14][15]

Time: Start [17][18][19][20] Time: Finish [21][22][23][24]

Sample Type [25] G or C Page No. [26][27][28]

Continuation [29] 1

DESCRIPTOR	UNIT	VALUE								
pH	UNIT	30	31	32	33	34	35	36	37	38
DO	mg/l	39	40	41	42	43	44	45	46	47
Turbidity	JTU	48	49	50	51	52	53	54	55	56
Total Suspended Solids	mg/l	57	58	59	60	61	62	63	64	65
Total Volatile Suspended Solids	mg/l	66	67	68	69	70	71	72	73	74

CARD 2

Page No. [26][27][28] Continuation [29] 2

Total Solids	mg/l	30	31	32	33	34	35	36	37	38
Total Volatile Solids	mg/l	39	40	41	42	43	44	45	46	47
Total Dissolved Solids	mg/l	48	49	50	51	52	53	54	55	56
Settleable Solids	mg/l	57	58	59	60	61	62	63	64	65
BOD_5 - Total	mg/l	66	67	68	69	70	71	72	73	74

CARD 3

Page No. [26][27][28] Continuation [29] 3

COD - Total	mg/l	30	31	32	33	34	35	36	37	38
TOC	mg/l	39	40	41	42	43	44	45	46	47
Oil and Grease	mg/l	48	49	50	51	52	53	54	55	56
Phenols	mg/l	57	58	59	60	61	62	63	64	65
MBAS	mg/l	66	67	68	69	70	71	72	73	74

CARD 4

Page No. [26][27][28] Continuation [29] 4

N-Ammonia	mg/l NH_3-N	30	31	32	33	34	35	36	37	38
N-Nitrate	mg/l NO_3-N	39	40	41	42	43	44	45	46	47
N-Nitrite	mg/l NO_2-N	48	49	50	51	52	53	54	55	56
Total Kjeldahl	mg/l N	57	58	59	60	61	62	63	64	65
Orthophosphate	mg/l P	66	67	68	69	70	71	72	73	74

CARD 5

Page No. [26][27][28] Continuation [29] 5

Total Phosphorus	mg/l P	30	31	32	33	34	35	36	37	38
Aluminum	mg/l	39	40	41	42	43	44	45	46	47
Arsenic	mg/l	48	49	50	51	52	53	54	55	56
Barium	mg/l	57	58	59	60	61	62	63	64	65
Cadmium	mg/l	66	67	68	69	70	71	72	73	74

CARD 6

Page No. [26][27][28] Continuation [29] 6

DESCRIPTOR	UNIT	VALUE								
Calcium	mg/l	30	31	32	33	34	35	36	37	38
Chromium	mg/l	39	40	41	42	43	44	45	46	47
Copper	mg/l	48	49	50	51	52	53	54	55	56
Iron	mg/l	57	58	59	60	61	62	63	64	65
Lead	mg/l	66	67	68	69	70	71	72	73	74

CARD 7

Page No. [26][27][28] Continuation [29] 7

Magnesium	mg/l	30	31	32	33	34	35	36	37	38
Manganese	mg/l	39	40	41	42	43	44	45	46	47
Mercury	mg/l	48	49	50	51	52	53	54	55	56
Nickel	mg/l	57	58	59	60	61	62	63	64	65
Potassium	mg/l	66	67	68	69	70	71	72	73	74

CARD 8

Page No. [26][27][28] Continuation [29] 8

Selenium	mg/l	30	31	32	33	34	35	36	37	38
Silver	mg/l	39	40	41	42	43	44	45	46	47
Sodium	mg/l	48	49	50	51	52	53	54	55	56
Zinc	mg/l	57	58	59	60	61	62	63	64	65
Total Coliform	MF-#/100 ml	66	67	68	69	70	71	72	73	74

CARD 9

Page No. [26][27][28] Continuation [29] 9

Fecal Coliform	MF-#/100 ml	30	31	32	33	34	35	36	37	38
Standard Plate Count	#/100 ml	39	40	41	42	43	44	45	46	47
TNT	mg/l	48	49	50	51	52	53	54	55	56
Cyanide	mg/l	57	58	59	60	61	62	63	64	65
Radionuclides	picocuries	66	67	68	69	70	71	72	73	74

CARD 10

Page No. [26][27][28] Continuation [29] 10

BOD_5 - soluble	mg/l	30	31	32	33	34	35	36	37	38
COD - soluble	mg/l	39	40	41	42	43	44	45	46	47
Salinity	mg/l NaCl	48	49	50	51	52	53	54	55	56
Alkalinity/ Acidity	mg/l $CaCO_3$	57	58	59	60	61	62	63	64	65
Chlorine Residual	PPM	66	67	68	69	70	71	72	73	74

CARD 11

Page No. [26][27][28] Continuation [29] 11

Chloride	mg/l Cl^-	30	31	32	33	34	35	36	37	38
Sulfate	mg/l SO_4	39	40	41	42	43	44	45	46	47
	mg/l	48	49	50	51	52	53	54	55	56
	mg/l	57	58	59	60	61	62	63	64	65
	mg/l	66	67	68	69	70	71	72	73	74

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Figure 3. Non-oily Liquid Waste Analysis Record Form

Ship Hull No.	Date	Station	Mode	Duration Hrs.	Volumes Generated Gal	Vol. Free Oil Col.	Oil Concentration mg/l	Suspended Solids Conc. mg/l
AD27	4/25/72	EVAP. RM	AUX. STEAM	45	10,300	0	46, 3	32, 22, 0, 0
"	"	ENG. RM	"	"	24,500	121	~~NOTE~~ NO DATA	NO DATA
"	4/27/72	EVAP. RM	COLD IRON	172	11,900	0	2, 2, 13, 3, 6, 6, 17, 11, 5; 7, 5	NO DATA
"	"	ENG. RM	"	"	22,400	102	31, 23, 10, 8, 10, 6, 9, 5	6, 12, 35, 0
"	5/5/72	EVAP. RM.	AUX. STEAM	65	29,600	0	8, 7, 4	0, 9, 0
"	"	ENG. RM.	"	"	17,500	46	16, 15, 34, 29, 11, 10, 32	16, 0, 0
"	5/8/72	EVAP. RM.	AT SEA	125	15,300	0	74, 13, 11	20.0
"	"	ENG. RM	"	"	NO DATA	NO DATA	735, 171, 259, 637, 118	57.33
"	5/12/72	EVAP. RM.	AUX. STEAM	83	5,500	0	23.9, 11, 11	53, 7, 13, 0, 0, 4, 57
"	"	ENG. RM	"	"	20,600	40	14, 14, 14, 7, 5, 15, 41, 11, 5	0, 0, 0, 0, 16, 193
"	5/17/72	EVAP. RM	AT SEA	27	5,000	0	10, 46, 55, 55, 62, 53, 21	24, 21.
"	"	ENG. RM.	"	"	7,800	26	32, 33, 29, 32, 206, 101	17, 20, 13, 15

Figure 4. Sample Oily Waste Record Form

Lab. Number 25522

SOLID WASTE ANALYSIS RECORD

FIELD UIC DE 1024 BRIDGET

VOLUME OF SAMPLE 4 CY HOW OBTAINED 40 CUYD CONTAINER

WEIGHT OF SAMPLE 861 LBS

DATE SAMPLE OBTAINED 27 June 1972

REFUSE BREAKDOWN	WEIGHT--LBS.	% BY WEIGHT (Wet)
Cardboard	45	
Newspaper		
Misc. Paper	93	
Plastics	5	
Rubber, Leather FENDER	145	
Textiles (Rags, etc.)	53	
Lumber		
Misc. wood, tree trimmings	96	
Glass, Ceramics	7	
Non-ferrous metals OPNS 83		
Ferrous Metals MAG 199	282	
Garbage (give example)	135	
Other		
Composites (give specifics)		

Figure 5. Sample Solid Waste Data Input

SOURCE EMISSION DATA
DLG-9 HOTEL STEAMING RATE (10% FULL POWER)
DIESEL MARINE FUEL

Date	Time h	Smoke Ringleman No.	Particulates lb/M Btu 3-Hole	Particulates lb/M Btu 1-Hole	Sulfur Dioxide Measured p/m	Sulfur Dioxide Measured lb/M Btu	Sulfur Dioxide Theoretical p/m	Oxides of Nitrogen as NO_2 p/m	Oxides of Nitrogen as NO_2 lb/M Btu	Hydrocarbons as Methane p/m	Carbon Monoxide p/m	Oxygen %	Excess Air %	Carbon Dioxide %	Dry Stack Gas Volume ft^3/lb Fuel
	1700(1)	0.5			150	0.33	64	-		-	100	7.0	47	6.0	267
10/20/72	1730(1)	0.5		0.081	150	0.33	64	80	0.13	-	0	7.0	47	6.0	267
	1830(1)	0.5		0.050	150	0.33	64	80	0.13	-	50	7.0	47	6.0	267
	1900(2)	0.5			-	-	64	80	0.13	-	200	7.0	47	6.0	267
	Mean	0.5			150	0.33	64	80	0.13	-	87.5	7.0	47	6.0	267
	0945(2)	0.5			50	0.12	57	68	0.12	9.0	100	8.5	63	6.5	298
	1030(1)	0.5		0.058	50	0.12	57	68	0.12	9.0	100	8.5	63	6.5	298
	1100(2)	0.5			40	0.10	56	68	0.13	11.0	100	9.0	69	6.9	321
	1130(1)	0.5			40	0.10	56	68	0.13	15.0	100	9.0	69	6.9	303
	1200(2)	0.5			40	0.10	56	68	0.13	20.0	100	9.0	69	6.9	309
	1230(1)	0.5	0.029		40	0.10	56	68	0.13	42.0	100	9.0	69	6.9	303
	1300(2)	0.5			20	0.05	56	68	0.13	11.0	100	9.0	69	6.9	303
	1320(1)	0.5			90	0.23	55	82	0.15	42.0	100	9.0	69	6.9	309
10/21/72	1430(2)	0.35			55	0.14	58	82	0.15	43.0	100	8.4	62	6.9	296
	1500(1)	0.35	0.014		50	0.12	58	82	0.15	47.0	100	8.4	62	6.9	296
	1520(2)	0.35			50	0.12	59	82	0.14	50.0	100	8.2	60	6.9	290
	1600(1)	0.35			50	0.12	59	82	0.14	50.0	100	8.2	60	6.9	290
	1630(2)	0.35			50	0.13	57	82	0.15	50.0	100	8.7	65	7.2	309
	1700(1)	0.35			50	0.12	58	82	0.15	50	100	8.2	62	7.2	296
	1730(2)	0.35		0.029	8.0	0.02	58	82	0.15	50	100	8.2	62	6.9	296
	1800(1)	0.35			8.0	0.02	58	82	0.15	50	100	8.2	62	6.9	296
	1820(2)	0.35			8.0	0.02	58	82	0.15	50	100	8.2	62	6.9	296
	1900(1)	0.35			8.0	0.03	60	82	0.14	52	100	7.8	55	6.9	283
	Mean	0.42			30.0	0.10	57	76	0.14	36	100	8.5	63	6.9	298
	1400(1)	0.25			60.0	0.17	51	80	0.16	-	0	10.0	84	7.0	338
	1430(2)	0.25		0.011	60.0	0.17	51	80	0.16	-	0	10.0	84	7.0	338
	1500(2)	0.25			30	0.09	51	80	0.16	-	0	10.0	84	7.0	338
10/28/72	1600(1)	0.25			40	0.10	57	70	0.13	-	0	8.5	63	6.0	298
	1630(2)	0.25	0.014		40	0.10	57	70	0.13	-	0	8.5	63	6.0	298
	1700(2)	0.25			20	0.05	59	80	0.14	-	0	8.2	60	6.0	292
	1730(2)	0.25			20	0.05	59	70	0.12	-	0	8.2	60	6.0	292
	1800(1)	0.20			20	0.05	59	80	0.14	-	0	8.2	60	6.7	292
	Mean	0.25			36	0.09	55	76	0.14	-	0	8.95	69	6.5	309
10/22/72	1030	0.25		0.017	-	-	58	82	0.14	26	0	8.2	59	6.2	290
	1100	0.50		0.021	-	-	58	61	0.11	50	0	8.2	59	6.2	290

(1) EPA
(2) Crane

Figure 6. Gaseous Waste Record Sample

(Percentages based on total data gathered to date)

			INPORT		AT SEA	
			GPCD	PEAK %	GPCD	PEAK %
HEAD AREAS	OFFICERS	FRESH	13.4	259.8	15.9	259.8
		SALT	8.1		10.5	
	ENLISTED	FRESH	12.3	185.0	8.8	126.7
		SALT	6.2		8.9	
FOOD PREP AREAS	OFFICERS	FRESH	29.1	249.8	11.9	249.8
	ENLISTED		11.6	237.1	6.7	156.9
LAUNDRY AREAS	OFFICERS AND ENLISTED	FRESH	10.3	201.2	14.6	138.8
TOTAL [a]	OFFICERS AND ENLISTED	FRESH AND SALT	42.5	210.7	40.4	148.3

Figure 7. Non-oily Liquid Waste Per Capita Flow Report

SANITARY AND HOTEL SERVICES WASTES MEF

IN-PORT

(Based on total data gathered to date)

CATEGORY	UNITS	HEAD AREA SALT WATER N	P-10	P-50	P-90	HEAD AREA FRESH WATER N	P-10	P-50	P-90
PH	UNIT	254	7.32	8.01	8.69	160	6.62	7.08	7.61
DO	MG/L	183	.232	3.33	7.09	94	.871	1.76	5.34
TURBIDITY	JTU	48	64.5	82.2	88.1	21	5.01	7.73	17.3
TSS	MG/L	251	794.	.248E+04	.652E+04	158	33.4	125.	806.
TVSS	PERCENT	147	46.3	72.7	86.9	85	37.6	57.4	83.4
TS	MG/L	135	.159E+05	.203E+05	.316E+05	85	259.	597.	.190E+04
TVS	PERCENT	135	22.2	33.0	51.9	85	30.8	40.5	54.9
TDS	MG/L	132	.114E+05	.179E+05	.262E+05	84	202.	475.	.156E+04
BOD	MG/L	248	526.	.121E+04	.250E+04	156	74.6	173.	315.
COD	MG/L	249	.170E+04	.372E+04	.686E+04	156	148.	320.	613.
TOC	MG/L	130	410.	816.	.171E+04	71	18.5	63.7	114.
OIL+GREASE	MG/L	68	318.	382.	996.	61	31.8	35.2	39.3
MBAS	MG/L	30	.181	3.94	22.2	49	.114	.265	1.16
N-AMMONIA	MG/L NH3-N	73	219.	.697E+04	.861E+04	71	.500E-01	4.99	14.7
N-NITRATE	MG/L NO3-N	71	1.50	2.30	4.97	78	.342	1.38	2.25
N-NITRITE	MG/L NO2-N	63	.591E-01	.624E-01	.210	63	.500E-01	.556E-01	.956E-01
N-KJELDAHL	MG/L N	70	.123E+05	.292E+05	.506E+05	69	6.55	35.4	251.
PHOSPHORUS	MG/L P	72	31.3	38.1	107.	70	.675	2.61	4.90
CADMIUM	MG/L	3	.100E-01	.100E-01	.100E-01	2	.100E-01	.100E-01	.100E-01
CALCIUM	MG/L	4	12.9	13.8	13.2	2	1.35	1.35	1.35
CHROMIUM	MG/L	25	.500E-01	.685E-01	.148	21	.500E-01	.500E-01	.164
COPPER	MG/L	25	.746	1.08	1.59	21	.143	.147	.425
IRON	MG/L	17	1.35	2.11	4.61	15	.243	.683	1.71
LEAD	MG/L	17	.200E-01	.200E-01	.445E-01	15	.203E-01	.200E-01	.208E-01
MAGNESIUM	MG/L	25	439.	509.	628.	21	78.4	165.	407.
MERCURY	MG/L	17	.500E-01	.500E-01	.500E-01	15	.500E-01	.500E-01	.500E-01
NICKEL	MG/L	25	.784	1.19	3.48	21	.185	.335	.472
SILVER	MG/L	7	.100E-01	.100E-01	.100E-01	6	.100E-01	.100E-01	.100E-01
ZINC	MG/L	25	.565	.867	2.48	21	.184	.351	.574
TOT. COL.	MF-#/100ML	141	.692E+07	.568E+08	.319E+11	108	.220E+05	.758E+06	.271E+07
FECAL COL.	MF-#/100ML	135	.142E+07	.419E+08	.760E+10	91	231.	.988E+04	.485E+06
SOL. BOD	PERCENT	107	19.0	38.6	70.0	68	26.9	66.6	81.5
SOL. COD	PERCENT	107	18.9	41.6	64.9	69	40.4	67.8	84.7
SALINITY	MG/L NA CL	158	.125E+05	.170E+05	.191E+05	90	175.	542.	.231E+04
ALKALINITY	MG/L CACO3	23	224.	465.	.305E+04	4	149.	158.	158.
ACIDITY	MG/L CACO3	1	163.	163.	163.	8	0.	0.	0.
RES. CL	PPM	179	.100E+00	.100E+00	.100E+00	95	.100E+00	.100E+00	.100E+00
CHLORIDE	MG/L CL	99	.607E+04	.721E+04	.830E+04	65	59.7	199.	.105E+05
SULFATE	MG/L SO4	27	301.	595.	708.	58	11.5	25.5	62.8

Figure 8. Non-oily Liquid Waste Mass Emission Factors

SANITARY AND HOTEL WASTES
INPORT

SHIP CLASS		AD 14		AD 16		AD 26		AD 37	
CREW SIZE		1803		957		918		1803	
CATEGORY	UNITS	AVG	MAX	AVG	MAX	AVG	MAX	AVG	MAX
I. FLOW RATES									
HEAD AREAS	GPD	23310.	38800.	9600.	15530.	10300.	19300.	20300.	38530.
FRESH	GPD	13410.	25600.	6400.	12230.	6800.	13100.	13430.	25630.
SALT	GPD	6900.	13200.	3300.	6330.	3500.	6700.	6900.	13230.
FOOD AREAS	GPD	14000.	33400.	6700.	16030.	7200.	17200.	14000.	33400.
LAUNDRY	GPD	11100.	22400.	5300.	10730.	5700.	11400.	11100.	22400.
TOTAL	GPD	45400.	94600.	21600.	45290.	23200.	48400.	45400.	94630.
II. CONSTITUENT POUNDS / DAY									
TSS	LBS/DAY	430.0	890.0	200.0	430.0	220.0	460.0	430.0	890.0
TS	LBS/DAY	2220.0	4630.0	1069.0	2210.0	1130.0	2370.0	2220.0	4630.0
TVS	LBS/DAY	1031.0	2160.0	490.0	1030.0	530.0	1100.0	1030.0	2160.0
BOD 5	LBS/DAY	300.0	630.0	140.0	330.0	150.0	320.0	300.0	630.0
COD	LBS/DAY	810.0	1700.0	390.0	810.0	420.0	870.0	810.0	1700.0
TOC	LBS/DAY	150.0	320.0	73.8	150.0	79.1	170.0	150.0	320.0
OIL+GREASE	LBS/DAY	99.2	210.0	47.3	98.8	50.6	110.0	99.2	210.0
TKN	LBS/DAY	2130.0	4440.0	1020.0	2120.0	1090.0	2270.0	2130.0	4440.0
PHOSPHORUS	LBS/DAY	7.1	14.8	3.4	7.1	3.6	7.6	7.1	14.8

SHIP CLASS		AE 12		AE 21		AE 25		AE 26	
CREW SIZE		265		316		316		401	
CATEGORY	UNITS	AVG	MAX	AVG	MAX	AVG	MAX	AVG	MAX
I. FLOW RATES									
HEAD AREAS	GPD	3000.	5600.	3500.	6700.	3500.	6700.	4500.	8600.
FRESH	GPD	2000.	3700.	2300.	4400.	2300.	4400.	3000.	5700.
SALT	GPD	1000.	1900.	1200.	2300.	1200.	2300.	1500.	2900.
FOOD AREAS	GPD	2000.	4800.	2400.	5700.	2400.	5700.	3100.	7400.
LAUNDRY	GPD	1600.	3300.	2000.	3900.	2000.	3900.	2500.	5000.
TOTAL	GPD	6500.	13700.	7900.	16300.	7900.	16300.	10100.	21000.
II. CONSTITUENT POUNDS / DAY									
TSS	LBS/DAY	62.3	130.0	74.3	150.0	74.3	150.0	94.9	200.0
TS	LBS/DAY	520.0	670.0	390.0	800.0	399.0	800.0	490.0	1030.0
TVS	LBS/DAY	150.0	310.0	180.0	370.0	180.0	370.0	230.0	480.0
BOD 5	LBS/DAY	43.8	90.8	52.2	110.0	52.2	110.0	66.7	140.0
COD	LBS/DAY	120.0	250.0	140.0	290.0	140.0	290.0	180.0	380.0
TOC	LBS/DAY	22.6	46.8	26.9	55.8	25.9	55.8	34.4	71.5
OIL+GREASE	LBS/DAY	14.4	30.0	17.2	35.8	17.2	35.8	22.0	45.8
TKN	LBS/DAY	310.0	640.0	370.0	770.0	370.0	770.0	470.0	980.0
PHOSPHORUS	LBS/DAY	1.0	2.1	1.2	2.6	1.2	2.6	1.6	3.3

Figure 9. Non-oily Liquid Waste - Fleetwide Projections

SUMMARY OF BILGE OILY WASTE MASS EMISSIONS

	COLD-IRON				AUXILIARY-STEAMING				AT-SEA			
	SUSP. OIL	SURFACE OIL	SUSP SOLIDS	TOTAL WASTE	SUSP. OIL	SURFACE OIL	SUSP SOLIDS	TOTAL WASTE	SUSP. OIL	SURFACE OIL	SUSP SOLIDS	TOTAL WASTE
	GPD	GPD	LBS/DAY	GPD	GPD	GPD	LBS/DAY	GPD	GPD	GPD	LBS/DAY	GPD
CLG	.25	5.83	.77	5300.	.28	6.60	.87	6000.	.28	6.60	.87	6000.
CV	3.69	86.90	11.41	79000.	6.30	148.50	19.49	135000.	11.44	269.50	35.37	245000.
CVA	3.69	86.90	11.41	79000.	6.30	148.50	19.49	135000.	11.44	269.50	35.37	245000.
CVAN	3.69	86.90	11.41	79000.	6.30	148.50	19.49	135000.	11.44	269.50	35.37	245000.
CVT	3.69	86.90	11.41	79000.	6.30	148.50	19.49	135000.	11.44	269.50	35.37	245000.
DG	.28	6.49	.85	5900.	.74	17.38	2.28	15800.	.74	17.38	2.28	15800.
DGG	.15	3.74	.49	3400.	.37	8.80	1.15	8000.	.37	8.80	1.15	8000.
DE	.14	3.41	.45	3100.	.49	11.55	1.52	10500.	.49	11.55	1.52	10500.
DEG	.25	5.83	.77	5300.	.28	6.60	.87	6000.	.28	6.60	.87	6000.
DLG	.22	5.11	.67	4650.	.28	6.60	.87	6000.	.28	6.60	.87	6000.
DLGN	.22	5.11	.67	4650.	.28	6.60	.87	6000.	.28	6.60	.87	6000.
LCC	(NO DATA)											
LHA	(NO DATA)											
LKA	.16	3.74	.49	3400.	.14	3.30	.43	3000.	.14	3.30	.43	3000.
LPA	(NO DATA)											
LPD	1.06	24.86	3.26	22600.	1.47	34.65	4.55	31500.	1.47	34.65	4.55	31500.
LPH	.16	3.74	.49	3400.	.14	3.30	.43	3000.	.14	3.30	.43	3000.
LPSS	.04	.88	.12	800.	.10	2.31	.30	2100.	.10	2.31	.30	2100.
LSD	.23	5.37	.70	4880.	.14	3.30	.43	3000.	.14	3.30	.43	3000.
LST	.03	.66	.09	600.	.09	2.20	.29	2000.	.16	3.74	.49	3400.
MSC	.00	.03	.00	26.	.02	.55	.07	500.	.02	.55	.07	500.
MSD	.00	.03	.00	26.	.02	.55	.07	500.	.02	.55	.07	500.
PG	(NO DATA)											
SS	.04	.88	.12	800.	.10	2.31	.30	2100.	.10	2.31	.30	2100.
SSBN	.04	.88	.12	800.	.10	2.31	.30	2100.	.10	2.31	.30	2100.
SSN	.04	.88	.12	800.	.10	2.31	.30	2100.	.10	2.31	.30	2100.

Figure 10. Oily Waste Data Output Sample

SOLID WASTE (AT SEA)
MASS EMISSION FACTORS
(POUNDS/MAN/DAY

TYPE		TOTAL	WOOD	PAPER	GLASS	CLOTH	METAL	RUBBER	PLASTIC	COMPOSITES	OTHER	GARBAGE
AD	MIN	3.20	.20	.80	.01	.07	.30	.04	.05	.01	.08	.90
	MEAN	3.80	.30	.90	.02	.10	.60	.07	.07	.01	.40	1.40
	MAX	4.70	.40	1.00	.04	.30	.90	.80	.10	.01	.60	2.90
AE	MIN	2.50	.02	.40	0.00	.06	.30	0.00	0.00	0.00	0.00	.80
	MEAN	7.20	.80	.50	0.00	.09	4.30	.01	0.00	0.00	.05	1.40
	MAX	12.00	1.60	.60	0.00	.09	8.30	.02	0.00	.01	.09	2.90
AF	MIN	2.70	.02	.60	0.00	.04	.10	0.00	0.00	0.00	.01	.80
	MEAN	3.00	.10	.90	.02	.08	.40	0.00	.01	.01	.05	1.40
	MAX	3.40	.20	1.00	.04	.10	.60	0.00	.01	.06	.09	2.90
AFS	MIN	2.70	.02	.60	0.00	.04	.10	0.00	0.00	0.00	.01	.80
	MEAN	3.00	.10	.90	.02	.08	.40	0.00	.01	.01	.05	1.40
	MAX	3.40	.20	1.00	.04	.10	.60	0.00	.01	.06	.09	2.90
AG	MIN	1.90	0.00	.30	0.00	0.00	.05	0.00	0.00	0.00	0.00	.80
	MEAN	2.50	.02	.70	.01	.06	.20	0.00	.01	0.00	.02	1.40
	MAX	4.00	.07	1.80	.03	.20	.60	0.00	.04	.02	.09	2.90
AGDE	MIN	1.70	0.00	.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.80
	MEAN	3.10	.06	.00	.02	.10	.50	.02	.02	.02	.07	1.40
	MAX	6.60	.30	1.50	.10	.60	3.50	.10	.10	.20	.20	2.90
AGEH	MIN	1.90	0.00	.30	0.00	0.00	.05	0.00	0.00	0.00	0.00	.80
	MEAN	2.50	.02	.70	.01	.06	.20	0.00	.01	0.00	.02	1.40
	MAX	4.00	.07	1.80	.03	.20	.60	0.00	.04	.02	.09	2.90
AGF	MIN	1.70	.01	0.00	.01	.01	.05	0.00	0.00	0.00	0.00	.80
	MEAN	2.20	.04	.30	.02	.04	.30	.01	.01	0.00	.03	1.40
	MAX	2.90	.09	.80	.04	.10	.60	.02	.01	0.00	.10	2.90
AGSS	MIN	1.60	0.00	0.00	0.00	0.00	.03	0.00	0.00	0.00	0.00	.80
	MEAN	3.10	.04	.40	.08	.20	.70	0.00	.01	.10	.01	1.40
	MAX	4.70	.20	1.10	.20	.60	2.00	.01	.05	1.00	.09	2.90
AO	MIN	2.50	0.00	.70	.01	.04	.10	0.00	0.00	0.00	0.00	.80
	MEAN	3.40	.10	.80	.01	.10	.60	.01	.03	.01	.30	1.40
	MAX	4.70	.40	.90	.02	.30	1.50	.04	.06	.06	1.00	2.90
AOE	MIN	2.50	0.00	.70	.01	.04	.10	0.00	0.00	0.00	0.00	.80
	MEAN	3.40	.10	.80	.01	.10	.60	.01	.03	.01	.30	1.40
	MAX	4.70	.40	.90	.02	.30	1.50	.04	.06	.06	1.00	2.90
AOG	MIN	2.50	0.00	.70	.01	.04	.10	0.00	0.00	0.00	0.00	.80
	MEAN	3.40	.10	.80	.01	.10	.60	.01	.03	.01	.30	1.40
	MAX	4.70	.40	.90	.02	.30	1.50	.04	.06	.06	1.00	2.90

Figure 11. Solid Waste Data Output Sample

SOLID WASTE (AT SEA)
MASS EMISSION FACTORS
(POUNDS/DAY)

TYPE	CREW		TOTAL	WOOD	PAPER	GLASS	CLOTH	METAL	RUBBER	PLASTIC	COMPOSITES	OTHER	GARBAGE
		MIN	3900.0	240.0	970.0	12.0	84.0	310.0	49.0	61.0	12.0	98.0	1000.0
AD	1224	MEAN	4700.0	390.0	1100.0	24.0	170.0	670.0	86.0	86.0	12.0	470.0	1800.0
		MAX	5700.0	470.0	1200.0	49.0	340.0	1100.0	1000.0	120.0	12.0	940.0	3500.0
		MIN	820.0	6.5	130.0	0.0	19.0	94.0	0.0	0.0	0.0	0.0	270.0
AE	324	MEAN	2300.0	270.0	160.0	0.0	26.0	1400.0	3.2	0.0	0.0	16.0	450.0
		MAX	3900.0	530.0	200.0	0.0	29.0	2700.0	6.5	0.0	3.2	29.0	930.0
		MIN	610.0	4.5	140.0	0.0	9.0	31.0	0.0	0.0	0.0	2.3	150.0
AF	225	MEAN	670.0	27.0	130.0	4.5	18.0	85.0	0.0	2.3	2.3	11.0	320.0
		MAX	760.0	49.0	230.0	9.0	25.0	140.0	0.0	2.3	13.0	20.0	640.0
		MIN	1200.0	8.6	280.0	0.0	17.0	60.0	0.0	0.0	0.0	4.3	350.0
AFS	430	MEAN	1300.0	52.0	370.0	8.6	34.0	160.0	0.0	4.3	4.3	21.0	610.0
		MAX	1500.0	95.0	440.0	17.0	47.0	270.0	0.0	4.3	26.0	39.0	1200.0
		MIN	280.0	0.0	46.0	0.0	0.0	7.7	0.0	0.0	0.0	0.0	130.0
AG	153	MEAN	360.0	3.1	110.0	1.5	9.2	35.0	0.0	1.5	0.0	3.1	220.0
		MAX	600.0	11.0	280.0	4.6	26.0	89.0	0.0	6.1	3.1	14.0	440.0
		MIN	380.0	0.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	180.0
AGDE	225	MEAN	600.0	11.0	180.0	4.5	29.0	110.0	4.5	4.5	4.5	16.0	320.0
		MAX	1500.0	76.0	350.0	23.0	130.0	790.0	31.0	23.0	49.0	49.0	640.0
		MIN	37.0	0.0	6.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	16.0
AGEH	20	MEAN	50.0	.4	14.0	.2	1.2	4.6	0.0	.2	0.0	.4	29.0
		MAX	79.0	1.4	37.0	.5	3.6	12.0	0.0	.5	.4	1.8	57.0
		MIN	370.0	2.1	0.0	2.1	2.1	11.0	0.0	0.0	0.0	0.0	180.0
AGF	215	MEAN	470.0	8.6	75.0	4.3	6.6	60.0	2.1	2.1	0.0	6.4	310.0
		MAX	630.0	19.0	160.0	8.6	28.0	140.0	4.3	2.1	0.0	24.0	610.0
		MIN	80.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	44.0
AGSS	54	MEAN	170.0	2.2	23.0	4.3	13.0	40.0	0.0	.5	7.6	.5	77.0
		MAX	250.0	11.0	52.0	12.0	34.0	110.0	.5	2.7	52.0	4.9	150.0
		MIN	750.0	0.0	200.0	2.9	12.0	41.0	0.0	0.0	0.0	0.0	240.0
AO	295	MEAN	1000.0	29.0	230.0	2.9	35.0	180.0	2.9	9.8	2.9	100.0	420.0
		MAX	1400.0	110.0	270.0	5.9	80.0	460.0	12.0	18.0	18.0	200.0	840.0
		MIN	1500.0	0.0	410.0	6.0	24.0	94.0	0.0	0.0	0.0	0.0	490.0
AOE	600	MEAN	2100.0	60.0	460.0	6.0	72.0	370.0	6.0	18.0	6.0	200.0	860.0
		MAX	2600.0	230.0	540.0	12.0	150.0	930.0	24.0	36.0	36.0	600.0	1700.0
		MIN	210.0	0.0	56.0	.8	5.2	11.0	0.0	0.0	0.0	0.0	66.0
AOG	81	MEAN	250.0	8.1	82.0	.6	9.7	49.0	.8	2.4	.8	28.0	120.0
		MAX	360.0	31.0	73.0	1.6	22.0	130.0	3.2	4.9	4.9	81.0	230.0

Figure 12. Solid Waste Data Ouput Sample

NAVY SYSTEM DESCRIPTION

SYSTEM TITLE: FISCAL SYSTEM ACRONYM: FISCAL

DOD/ADPS/ADS/IDENTIFIER CODE: N100/NPO3/N00022PF01-3

REFERENCES:

PARENT SYSTEM: Navy Manpower and Personnel Management Information System (MAPMIS)

MANAGER: Assistant Chief of Naval Personnel for Financial Management (PERS-3)
Bureau of Naval Personnel
Arlington, VA 20370
Telephone: 694-5626

CONTACT POINT: Financial ADP Liaison (PERS-3C222)
Telephone: 694-3275

SUBJECT/FUNCTIONS:

- Accounts (Money) Funds
- Processing Requirements through Budget Cycle
- Costing
- Retrieving and/or Reporting Data
- Updating

SYSTEM CHARACTERISTICS:

General: The fiscal application area of MAPMIS is composed of about 50 small systems which support specific accounting, budgeting, and financial management requirements of BUPERS, NAVCOMPT, and OSD related to personnel. Other activities use statistics and other information produced by the subsystems for various purposes. The individual systems are so diverse in both format and content that each must be maintained as a separate master file. A chart depicting the general flow of the system as a whole is shown in figure 1.

Input: Input to the Fiscal system comes directly from many sources such as OSD, CNO staff sections, the Navy Comptroller, the Navy Finance Center, the Navy Safety Center, Navy Education and Training Installations, and other field activities. Much of the input, however, comes indirectly from the units, commands, and individuals of the Navy via magnetic tapes from the files of other MAPMIS subsystems, such as the Officer Personnel, Enlisted Personnel, Manpower Requirements, and Reserve Personnel systems.

Processing: The information and data which are received by BUPERS in document form for adding information to and/or

updating old data on the files of the Fiscal System are keypunched on cards and processed into the system. Other data are received on magnetic tapes from outside agencies such as the Navy Finance Center and other data are extracted from the files of the other subsystems of MAPMIS. These data are merged and fed into the Fiscal System untilizing various input programs. Periodic reports are generated utilizing routine programs which are run at established time intervals. Programs are written or modified to produce ad hoc reports or statistical data which deviate in content and format from the periodic reports. Reports are reviewed and distributed as required by BUPERS personnel.

Output: In all, about 250 different periodic reports are produced by the Fiscal System at various intervals during the year. They fall into nine general categories as follows:

1. Reports which support OSD and NAVCOMPT in modernizing financial management through the resources management system.

2. Military entitlement reports which price the current month on-board strength at actual pay rates by longevity and pay grade.

3. Strength statistics by location reports which display active duty Navy strength by (a) activity, (b) physical location, (c) homeport, (d) activity and physical location, (e) activity and geographic location, and (f) by Manpower Requirements Plan (MARP). (See samples in figures 2 and 3).

4. Reports which support the Navy portion of the OSD Five Year Defense Plan (FYDP). Fiscal year strength as well as requirements from the MARP are priced and displayed by activity and program element.

5. Appropriation accounting reports which provide authorization, commitment, obligation, disbursement, expenditure, and reinbursement information.

6. Expense reports are produced which distribute and cost out on-board strength by qualitative factors within activities according to manpower claimant funding lines and program element codes to project costs for use in budget preparation.

7. Reports covering Permanent Change of Station (PCS), homeport changes, transportation under PCS, Military Traffic Management and Terminal Service (MTMTS), and MAC/MSC transportation costs. They show final authorizations, money reserved, money obligated, and funds available on a quarterly and fiscal year basis.

8. In the same general area but in a class by themselves are the summary and analysis reports for various phases of PCS accounting.

9. Various statistical reports relating to numbers of brig and prison inmates, BUPERS civilian personnel matters, housing surveys, numbers of accidents, volume of documents and reports processed, error rates in reports submitted, etc.

The Fiscal System alsc contains minor subsystems which produce address labels and/or listings for officer, enlisted, and reserve personnel and maintains a master file of current Unit Identification Codes (WIC).

INTERFACES: Other MAPMIS subsystems, JUMPS, and NFC Cleveland.

USERS: OSD, BUPERS, NAVCOMPT, OPNAV, VA, NSC, Field Activities, and Claimants

INPUT SOURCES: OSD, BUPERS, NAVCOMPT, NFC, CNET, Navy Field Activities, and Claimants.

METHOD FOR ACCESSING: System has no on-line query capability; Reports may be requested by letter to contact point.

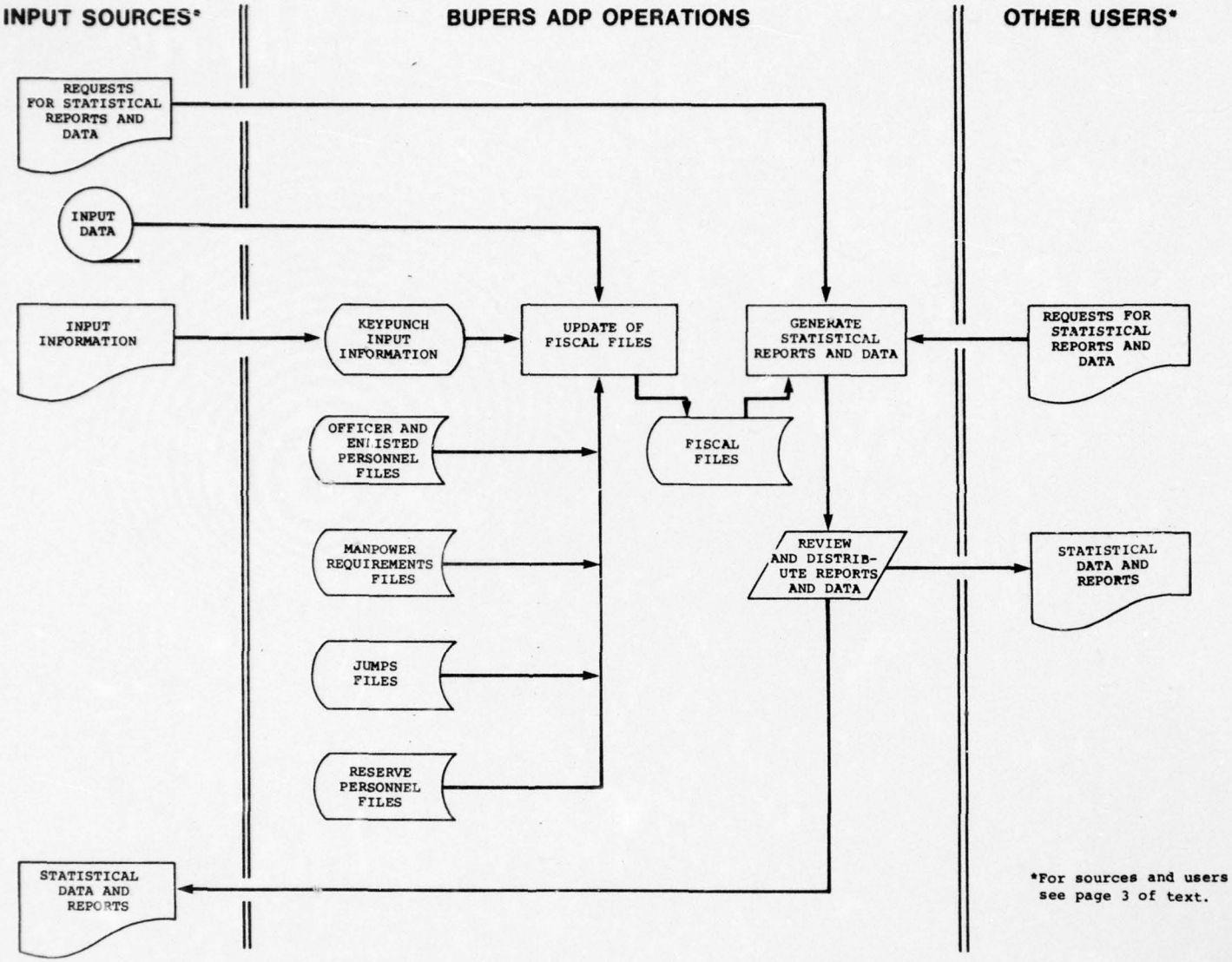


Figure 1. General System Flow-MAPMIS FISCAL SYSTEM

AD-A033 950 DOT SYSTEMS INC VIENNA VA F/G 9/2
DEVELOPMENT OF AN INVENTORY OF OPERATIONAL DATA BASES. VOLUME I--ETC(U)
FEB 76 N00014-74-C-0281
UNCLASSIFIED NL

2 OF 3
AD
A033950



PERS-362 BUPERS [illegible] 5320-3370 FM 10/31/75 FISC.C320JE28 E350-0270

ACTIVE DUTY ENLISTED WOMEN OUTSIDE US - BY ACTIVITY AS OF 09-30-75

MARP	ACTIVITY NO	ACTIVITY NAME	CN-BC
1152	2673-C38C-CC	COMM STA LONDONDERRY	9
1152	2673-C38C-77	SPCOMMDIV LNDERRY DETEDZEL	1
1152	2673-C383-CC	COMM STA ITALY	33
1152	2673-C383-19	NCS ITALY DET SIGONELLA	2
1152	2673-C383-75	NCS ITALY/DCS	18
1152	2673-C653-19	MSG CEN CUBI	1
1152	2673-C67C-CC	COMM STA MOROCCO	25
1152	2673-C67C-75	NCS MOROCCO/DCS	2
1152	2673-C866-CC	COMM STA SPAIN	38
1152	2673-C866-23	SPCOMMDIV COMMSTA SPAIN	2
1152	2673-C866-75	NCS SPAIN/DCS	1
1152	2680-0016-CC	COMM UNIT LONDON ENG	17
2D13	3214-0516-CC	NAVLEGSVCOFF YOKOSUKA	1
2D13	3214-0524-CC	NAVLEGSVCOFF GUAM	1
2D13	3214-053C-C1	NAVLEGSVCBRCFF ROTA	1
1150	3250-C5CC-CC	NAVACTS UNITED KINGDOM LON	12
1150	3250-C5CC-C7	NAVACTUK DET HOLY LOCH	2
1150	3251-CCC8-CC	NAV SUPP ACT NAPLES ITALY	15
1150	3251-CCC8-C7	NAVSUPPACTNAPLES GAETA DET	1
1150	3251-CCC8-18	NSA NAPLES VINCENZA COMF	1
1150	3251-CC8C-CC	FOGYRS SUPPACT TAIPEI	5

Figure 2. Sample Page From a Report of the MAPMIS Fiscal System

PERS-362 BUPERS NMIS 01080-397C FM 09-25-75 FISC.C390GCCA F390-0070

ACTIVE DUTY NAVAL PERSONNEL - HOMEPORT LOCATION - OUTSIDE U. S. AS OF 08-31-75

	PART - 1 ASHORE				PART - 2 AFLOAT AND MOBILE			PART - 3 MOBILE - TEMP ASHORE		
HOMEPORT LOCATION	OFF	ENL	C.C.	TOTAL	OFF	ENL	TOTAL	OFF	ENL	TOTAL
UNITED ARAB REPUBLIC	9	12		21						
TOTAL NEAR EAST AND SOUTH ASIA	104	528		632	29	317	346	12	32	44
AUSTRALIA	29	366		395						
BURMA		1		1						
HONG KONG	4	10		14						
INDONESIA	8	9		17						
NEW ZEALAND	2	30		32	4	13	17	4	13	17
SINGAPORE	5	11		16						
TOTAL OTHER PACIFIC	48	427		475	4	13	17	4	13	17
ARGENTINA	5	2		7						
BAHAMAS	18	164		182						
BARBADOS	11	95		106						
BERMUDA	81	869		950						
BRAZIL	9	22		31						
CANADA	143	446/~~449~~		~~592~~ 586/604						
CHILE	4	4		8						
COLOMBIA	4	3		7						
DOMINICAN REPUBLIC	2	2		4						
ECUADOR	2			2						
GUATEMALA	1			1						
JAMAICA		1		1						
LEEWARD ISLANDS	10	108		118						
MEXICO	1			1						
NICARAGUA	1			1						
PARAGUAY	1			1						
PERU	2	2		4						

Figure 3. Sample Page From a Report of the MAPMIS Fiscal System

NAVY SYSTEM DESCRIPTION

SYSTEM TITLE: MANPOWER REQUIREMENTS SYSTEM ACRONYM: MRS

DOD ADPS/ADS/IDENTIFIER CODE: N100/NP05/N00022PM01-4

REFERENCES:

(a) OPNAVINST 1000.16C - Manpower authorization; policies and procedures regarding changes to

(b) Navy Pay and Personnel Procedures Manual (PAYPERSMAN), NAVSO P-3050

(c) Bureau of Naval Personnel Manual (BUPERSMAN), NAVPERS 15791B

PARENT SYSTEM: Navy Manpower and Personnel Management Information System (MAPMIS)

MANAGER: Deputy Assistant Chief of Naval Personnel for Management Information (PERS-3C2)
Bureau of Naval Personnel
Arlington, VA 20370
Telephone: 694-5724

CONTACT POINT: Requirements ADP Liaison (PERS-3C224)
Telephone: 694-2867

SUBJECT/FUNCTIONS: Personnel, Military — Determining Quality Requirements; Retrieving and/or Reporting Data/Updating

SYSTEM CHARACTERISTICS

General: This system provides the CNO(OP-01) with the information needed for determining and programming current and projected, quantitative and qualitative manpower needs for both peacetime and total mobilization. It supports the following management functions: 1) the management and control of Navy billet resources; 2) the manpower planning and programming for projecting force levels; 3) the formulation of recruiting, training and promotion plans; 4) the distribution of officer and enlisted personnel; 5) mobilization manpower planning; and 6) the provision of activity information for the entire MAPMIS. The general flow of the MAPMIS Manpower Requirements Systems is depicted in figure 1. Examples of pertinent data elements of the system along

with their descriptions are listed in figure 2 (three pages).

Input: Commanding Officers of units and activities periodically review their manpower authorizations and, when appropriate, forward recommended changes in authorizations to their military manpower claimants through channels. Recommendations are made by submitting completed Manpower Authorization Request forms OPNAV 1000/4A (a sample page of which is shown in figure 3) along with a transmittal letter providing justification for the changes. Following review, the claimants submit the forms and justifications to the CNO (OP-01) for staff review by program element sponsors. The program element sponsors prepare the necessary OPNAV 1000-series forms to make approved adjustments to the various files of the Manpower Requirements System's data bank.

The basic file of the data bank is the master data set, or A-file, which contains multiple records for each activity in the Naval establishment. OPNAV Forms 1000/9 and 1000/10 prepared by CNO (OP-102) personnel are submitted to BUPERS for the establishment of, or to make changes to, a set of activity records in the A-file. The quantitative data set or Manpower Requirements Plan (MARP) file of the system contains multiple records for each activity having a manpower requirement authorized by the CNO. Records cannot be established for an activity on the MARP file unless a set of records for it have been established on the controlling A-file. The source document for MARP file entries is a Manpower Authorization Request, OPNAV Form 1000/4 prepared by allocating officers of CNO (OP-01). Two qualitative data sets or billet files, officer and enlisted, are maintained in the system's data bank. The source document for entries on either billet file is the Manpower Authorization Request, OPNAV Form 1000/4A (figure 3) submitted by an activity through its claimant and approved by the CNO (OP-100).

Processing: The OPNAV 1000-series forms are forwarded by CNO (OP-01) staff personnel to BUPERS ADP Operations personnel who keypunch and verify cards for the change data. The files of the Manpower Requirements System are updated twice a week.

Output: Primary output documents of the system are the Manpower Requirements Plan, OPNAV Form 1000/5, and Manpower Authorization, OPNAV Form 1000/2. The 1000/5, produced from the MARP file, contains quantitative billet information, and acts as the CNO (OP-01) control document. It is produced whenever a quantitative change occurs. The 1000/2 is produced from the billet files and contains detailed qualitative information (a sample page is shown in figure 4). Preliminary copies of the updated 1000/5 and 1000/2 forms are furnished to CNO (OP-01) personnel who verify the updated data and provide BUPERS with distribution lists. BUPERS personnel then print the required number of copies and make the distribution. In addition, periodic reports are produced monthly, bimonthly, quarterly, and annually for various users. About 100 one-time special reports

are also produced each month, primarily for CNO (OP-01) and BUPERS (PERS-5). A sample page of an ad hoc report is shown in figure 5.

INTERFACES: The output of this subsystem feeds into the other MAPMIS subsystems.

USER: Tapes are routinely sent to the Chief of Naval Education and Training (CNET), NAVCOMPT, OSD, PERMIC, NFC Cleveland, and Naval Personnel Research Center (NPRC) San Diego. Hard-copy data are sent monthly to BUMED (Code 37). Reports are prepared for use by BUPERS staffs, the CNO staffs and major fleet and shore commands.

INPUT SOURCES: The Chief of Naval Operations (OP-01), BUPERS staff sections, and individual units and activities.

METHOD FOR ACCESSING: The system has no online query capability. Tapes and/or hardcopy are available on written request to the contact point.

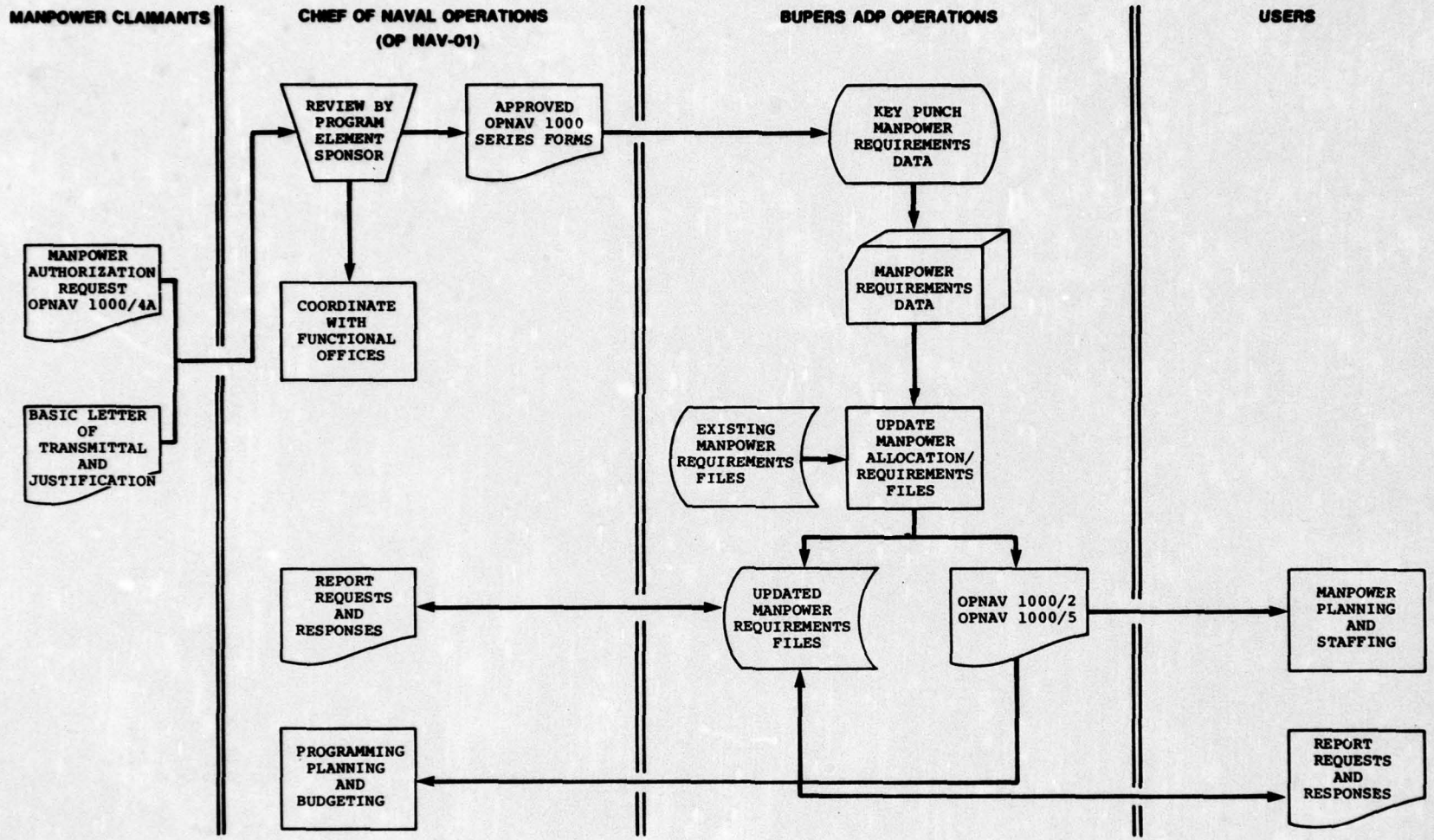


Figure 1. MAPMIS Manpower Requirements General System Flow

DATA ELEMENT NAME	DESCRIPTION
ACTIVITY CODE	A code assigned by Chief of Naval Personnel that identifies each activity.
ACTIVITY NAME	Abbreviation of an activity's official title as used throughout the MAPMIS.
BILLETS AUTHORIZED	The billets approved by the Chief of Naval Operations for current operating conditions.
BILLET SEQUENCE CODE	A code assigned to organizational titles, billets, and notes within an individual Manpower Authorization.
BILLET TITLE	The job title of a billet, the identifying title of an organizational element, or an explanatory note.
DESIGNATOR/GRADE/RATE CODE	Identifies the general skill specialty and grade/rate for officers and enlisted, e.g., 210J, Medical Officer, Lieutenant; HMC, Chief Hospital Corpsman, etc.
DESK CODE	Identifies the subsection within the Office of the Chief of Naval Operations responsible for the activity's manpower authorization.
EFFECTIVE DATE	The month and year in which a projected increase or decrease to billets authorized will be effective.
FUNCTIONAL AREA CODE	Identifies billets requiring special personnel detailing, e.g., U.S. citizenship required, instructor, submarine qualification, etc.
GEOGRAPHIC LOCATION/HOMEPORT	The geographic location and homeport of the activity.
MANPOWER CLAIMANT	The abbreviated name of the command, bureau, or office designated as the military manpower claimant for the activity.

Figure 2. Data Elements of the MAPMIS Manpower Requirements System (Page 1 of 3)

MANPOWER REQUIREMENTS PLAN CODE

A code utilized within the Office of the Chief of Naval Operations to aggregate Naval manpower for planning, control, and summarization by functional grouping, e.g., Navy support of FMF(LANT/PAC), BUMED Field Activities CONUS (Hospitals, Dental, etc.), BUMED Field Activities Overseas (LANT/PAC).

MOBILIZATION CODE

Mobilization codes used in OPNAV for planning purposes.

MOBILIZATION DAY INCREMENT PROGRAM CODE

A code which designates whether the mobilization day increment is computed manually or automatically.

NAVY ENLISTED CLASSIFICATION, PRIMARY

Identifies the primary skill specialty of enlisted personnel, e.g., NEC 8432, Preventive Medicine Technician; NEC 8483, Operating Room Technician, etc.

NAVY ENLISTED CLASSIFICATION, SECONDARY

Amplifies the primary NEC by identifying additional requirements for a specific job.

NAVY OFFICER BILLET CLASSIFICATION, PRIMARY

Identifies the primary skill specialty of officers, e.g., NOBC 0214, General Surgeon; NOBC 0244, Orthopedic Surgeon, etc.

NAVY OFFICER BILLET CLASSIFICATION, SECONDARY

Amplifies the primary NOBC by identifying additional requirements for a specific job.

ORGANIZATIONAL MANNING

Identifies requirements by quantity for mobilization periods in months, e.g., Mobilization Day (MD), M+1, M+2, etc.

PRIORITY MANNING

Identifies the level of priority manning authorized for the billet.

PROGRAM ELEMENT

A code which describes an activity's mission and is the basic building block for the Five Year Defense Program (FYDP).

Figure 2. Data Elements of the MAPMIS Manpower Requirements System (Page 2 of 3)

REQUIREMENTS

Reflects manpower requirements for the end of the fiscal years in the Five Year Defense Program (FYDP).

SEA/SHORE CODE

A code assigned by the Chief of Naval Personnel and used on the enlisted OPNAV Form 1000/2 only, to identify types of sea/shore duty.

SPECIAL CODE

Identifies the billet with a special program, e.g., reimbursable billets, billets funded from Reserve pay (RPN) appropriations, etc.

SPECIAL CATEGORY CODE

Identifies enlisted billets and personnel serving in billets under direct distribution control of the Chief of Naval Personnel.

SPONSOR

Code identifying the office designated as the program element sponsor for the activity.

UNIT IDENTIFICATION CODE

A code assigned by the Chief of Naval Personnel that identifies an activity in the MAPMIS.

Figure 2. Data Elements of the MAPMIS Manpower Requirements System (Page 3 of 3)

OPNAV FORM 1000/4A (Rev. 1-70)
S/N 0107-700-0001

MANPOWER AUTHORIZATION REQUEST

01 ACTIVITY CODE	02 ACTIVITY NAME	03 TRANS NO.	04 FY	05 AOSC	06 PAGE NO.
1234-5678-00	NAVAL ACTIVITY SAMPLE		X		5

07 ACTION	08 ACT-LOC	09 SEQUENCE CODE	10 BILLET TITLE / SUBSPECIALTY CODES	10A	10B	11 ADD SPECIAT	12 PMI BSOC REC	13 SEC BSOC REC	14 DESIG RATE	15 SPECIAL	16 FAC	17 EFF. DATE MO.	17 EFF. DATE YR.	18 ALLOC	19 ALLOW	20 ORGANIZATIONAL MISSIONING MDI	21 M+1	22 M+2	23 M+3	24 M+6	25 M+12	26 QUALITATIVE PLAN CPY	27 FY+1	28 FY+2	29 FY+3	30 FY+4	31 FY+5
	R		CHIEF MAINTENANCE TECHNICIAN						~~ORG~~					ORG													
			CIVILIAN CLERICAL			BY21	9421		1300	G				1			1										
			XEROX CLERICAL			BY21	9436		1310	H				1			1										
			SPECIAL ASSISTANT											ORG													
			CLERICAL ASSISTANT			BY21	3412		1311					1			1										
			ADMIN CLERICAL			BY21	8456		1311					1			1										
			GEN ACTIV/LIBRARIAN				2505		2500	I				1			1										
			GEN ACTIV/ASSIST LIBRARIAN				2505		2500	J							1										

Figure 3. Sample Copy of a Page of the Manpower Authorization Request, OPNAV Form 1000/4A

OPNAV 1000/2 (Rev. 8-73)
FROM: CHIEF OF NAVAL OPERATIONS
TO: DISTRIBUTION LIST

MANPOWER AUTHORIZATION

For detailed description of entries, refer to OPNAVIST 1000.16 (Series)

TRANS NUMBER: 18420 (1) | DATE (MO. DA. YR.): 10-18-74 (2)

MARP CODE	ACTIVITY CODE	ACTIVITY NAME	PROGRAM ELEMENT CODE	UIC	S/S	AMC MCA	MDI PROG CODE	MANPOWER CLAIMANT	GEOGRAPHIC LOCATION / HOMEPORT	SPON	MDR COUNT LPRC	LOC	TOTAL COPIES			
1 11 1	8640-0002-00	2ND MAR DIV FMF LANT	26211M	08321	2	L	0	CMC (A01E)	NCAR, CAMP LEJEUNE	22	3A	00	10	F3	6	
3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		

BILLET SEQUENCE CODE	BILLET TITLE	SUBSPECIALTY CODES	BOC	AQD OPS CAT	U PRI MAR	PRIM NOBC NEC	SEC NOBC NEC	DESIG/GR RATE	SHORE	FAC	EFF DATE MO	EFF DATE YR	BILLETS AUTH	ORGANIZATIONAL MANNING MDI	M+1	M+2	M+3	M+6	M+12	REQUIREMENTS FY 75	FY 76	FY 77	FY 78	FY 79	FY 80	Y M
18	19	19A	20	21	22	23	24	25	26	27	28		29	30	31	32	33	34	35	36	37	38	39	40	41	42
31200	MEDFLDSERV TECH					8404		HM3					3		3 6	6	6	6	6	3	3	3	3	3	3	
32000	107 MTR BTRY																									
32100	MEDFLDSERV TECH					8404		HM2					1		1	1	1	1	1	1	1	1	1	1	1	
32200	MEDFLDSERV TECH					8404		HM3					1		1	1	1	1	1	1	1	1	1	1	1	
33000	3RD BN D/S																									
34000	HDQTRS BTRY																									
34100	MEDFLDSERV TECH					8404		HMC					1		1 2	2	2	2	2	1	1	1	1	1	1	
34200	MEDFLDSERV TECH					8404		HM3					1		1	1	1	1	1	1	1	1	1	1	1	
35000	105 HOW BTRY /3/																									
35100	MEDFLDSERV TECH					8404		HM2					2		1 3	3	3	3	3	2	2	2	2	2	2	
35200	MEDFLDSERV					8404		HM3					3		3 6	6	6	6	6	3	3	3	3	3	3	
36000	107 MTR BTRY																									
36100	MEDFLDSERV TECH					8404		HM2					1		1	1	1	1	1	1	1	1	1	1	1	
36200	MEDFLDSERV TECH					8404		HM3					1		1	1	1	1	1	1	1	1	1	1	1	
37000	4TH BN G/S																									
38000	HDQTRS BTRY																									
38100	MEDFLDSERV TECH					8404		HMC					1		1 2	2	2	2	2	1	1	1	1	1	1	
38200	MEDFLDSERV TECH					8404		HM3					1		1	1	1	1	1	1	1	1	1	1	1	
39000	155 HOW BTRY /3/																									
39100	MEDFLDSERV TECH					8404		HM2					2		1 3	3	3	3	3	2	2	2	2	2	2	
39200	MEDFLDSERV TECH					8404		HM3					3		3	3	3	3	3	3	3	3	3	3	3	
41000	2ND MEDICAL BN																									
42000	MED BN HDQTRS																									
42100	MEDICAL REPAIR MECHANIC					8498		HMC					1		1	1	1	1	1	1	1	1	1	1	1	
42200	PLANS/TRAINING					8424		HM1					1		1	1	1	1	1	1	1	1	1	1	1	
42300	MED SUPPLY					8424		HM1					1		1	1	1	1	1	1	1	1	1	1	1	
42400	NEUROPSYCHIATRY TECH					8485		HM2							1	1	1	1	1							
42450	MEDFLDSERV TECH					8404		HM2					1							1	1	1	1	1	1	
42500	MED SUPPLY					8404		HM3							2 2	2	2	2	2							
42600	MED SUPPLY					8404		HN					1		1	1	1	1	1	1	1	1	1	1	1	
42700	NEUROPSYCHIATRY TECH					8485		HM3							1	1	1	1	1							
42750	MEDFLDSERV TECH					8404		HM3					1							1	1	1	1	1	1	
42800	PERS RECORDS					8404		HM3							1	1	1	1	1							

Figure 4. Sample Page of OPNAV 1000/2 Form

UP-102 MAPMIS 12-26-74 PAGE 2
OFFICER MEDICAL BILLET STUDY
11-30-74
01-439

ACTIVITY CODE	ACTIVITY SHORTNAME	BSC	DES/G	BILLET TITLE	FYC	FY1	FY2	FY3	FY4	FY5
0123003700	AD 37 S GOMPERS	C5CC0	22C0J	DENTAL GP	1	1	1	1	1	1
0123003800	AD 38 PUGETSOUND	C44C0	2100I	MEDICAL	1	1	1	1	1	1
0123003800	AD 38 PUGETSOUND	045C0	2300K	RADIATION HEALTH	1	1	1	1	1	1
0123003800	AD 38 PUGETSOUND	047C0	2200H	HEAD DENT DEPT/PROSTODO	1	1	1	1	1	1
0123003800	AD 38 PUGETSOUND	048C0	220CI	ORAL SGN PG/RT	1	1	1	1	1	1
0123003800	AD 38 PUGETSOUND	C49C0	2200J	DENTAL GP	1	1	1	1	1	1
0123003800	AD 38 PUGETSOUND	05CC0	22C0J	DENTAL GP	1	1	1	1	1	1
0134000100	AFS 1 MARS	03200	2100J	MEDICAL	1	1	1	1	1	1
0134000200	AFS 2 SYLVANIA	C32C0	2100J	MEDICAL	1	1	1	1	1	1
0134000300	AFS 3 N FALLS	03200	2100J	MEDICAL	1	1	1	1	1	1
0134000400	AFS 4 N PLAINS	03000	2100J	MEDICAL	1	1	1	1	1	1
0134000500	AFS 5 CONCORD	C32C0	2100J	MEDICAL	1	1	1	1	1	1
0134000600	AFS 6 S DIEGO	03200	2100J	MEDICAL	1	1	1	1	1	1
0134000700	AFS 7 SAN JOSE	C32C0	2100J	MEDICAL	1	1	1	1	1	1
0153000300	AGF 3 LA SALLE	C3400	2200J	HEAD DENT DEPT	1	1	1	1	1	1
0212000100	ADE 1 SACRAM	02700	2100J	DOCTOR	1	1	1	1	1	1
0212000100	ADE 1 SACRAM	028C0	2200J	HEAD DENTAL DEPT	1	1	1	1	1	1
0212000200	ADE 2 CAMDEN	027C0	2100J	DOCTOR	1	1	1	1	1	1
0212000200	ADE 2 CAMDEN	02800	2200J	HEAD DENTAL DEPT	1	1	1	1	1	1
0212000300	ADE 3 SEATTLE	02700	2100J	DOCTOR	1	1	1	1	1	1
0212000300	ADE 3 SEATTLE	028C0	2200J	HEAD DENTAL DEPT	1	1	1	1	1	1
0212000400	ADE 4 DETROIT	027C0	2100J	DOCTOR	1	1	1	1	1	1
0212000400	ADE 4 DETROIT	02800	2200J	HEAD DENTAL DEPT	1	1	1	1	1	1
0216000100	ADR 1 WICHITA	023C0	2100J	MEDICAL OFF	1	1	1	1	1	1
0216000200	ADR 2 MILWALKE	023C0	2100J	MEDICAL OFF	1	1	1	1	1	1
0216000300	ADR 3 KANSAS C	C23C0	2100J	MEDICAL DEPT	1	1	1	1	1	1
0216000400	ADR 4 SAVANNAH	02300	2100J	MEDICAL DEPT	1	1	1	1	1	1
0216000500	ADR 5 WABASH	023C0	2100J	MEDICAL DEPT	1	1	1	1	1	1
0216000600	ADR 6 KALAMAZO	C24C0	2100J	MEDICAL OFFICER	1	1	1	1	1	1
0216000700	ADR 7 ROANOKE	02300	2100J	MEDICAL DEPT		1	1	1	1	1
0256000500	AR 5 VULCAN	04CC0	2100I	MEDICAL-ACTE 3	1	1	1	1	1	1
0256000500	AR 5 VULCAN	043C0	220CH	HEAD DENTAL DEPT/PROSTH	1	1	1	1	1	1
0256000500	AR 5 VULCAN	044C0	22C0J	DENTAL GP	1	1	1	1	1	1
0256000500	AR 5 VULCAN	C45C0	22C0J	DENTAL GP	1	1	1	1	1	1
0256000500	AR 5 VULCAN	046C0	22C0J	DENTAL GP	1	1	1	1	1	1
0256000600	AR 6 AJAX	C4000	2100I	MEDICAL	1	1	1	1	1	1
0256000600	AR 6 AJAX	04300	220CI	HEAD DENT DEPT/PROSTHOD	1	1	1	1	1	1
0256000600	AR 6 AJAX	C44C0	22C0J	DENTAL GP	1	1	1	1	1	1
0256000700	AR 7 HECTOR	C4CC0	2100I	MEDICAL	1	1	1	1	1	1
0256000700	AR 7 HECTOR	043C0	220CI	HEAD DENT DEPT/PROSTHOD	1	1	1	1	1	1

Figure 5. Sample Page of an Ad Hoc Report of the MAP/MIS Manpower Requirements System

NAVY SYSTEM DESCRIPTION

SYSTEM TITLE: OFFICER PERSONNEL SYSTEM ACRONYM: OFFICER

DOD ADPS/ADS/IDENTIFIER CODE: N100/NP01/N00022P001-5

REFERENCES:

(a) BUPERSINST 1301.38 - Officer Distribution Control Report, NACPERS 1301/5 (Rev. 7-75); format and procedures for validation of

(b) Navy Pay and Personnel Procedures Manual (PAYPERSMAN), NAVSO P-3050

(c) BUPERSINST 1301.34E

(d) OPNAVINST 1211.6E - Naval Officer Subspecialty System

(e) Manual of Navy Officer Classifications, NAVPERS 15839

(f) OPNAVINST 1000.16C - Manpower authorizations; policies and procedures regarding changes to

(g) Bureau of Naval Personnel Manual (BUPERSMAN), NAVPERS 15791B

PARENT SYSTEM: Navy Manpower and Personnel Management Information System (MAPMIS)

MANAGER: Deputy Assistant Chief of Naval Personnel
for Management Information (PERS-3C2)
Bureau of Naval Personnel
Arlington, VA 20370
Telephone: 694-5724

CONTACT POINT: Officer ADP Liaison (PERS-3C223)
Telephone: 694-3276

SUBJECT/FUNCTIONS:

Personnel, Military Officers	Determining Requirements
	Scheduling Movement
	Establishing an Accounting Record
	Retrieving and/or Reporting Data
	Classifying/Categorizing/ Sorting/Updating

SYSTEM CHARACTERISTICS

General: The objective of the officer segments of MAPMIS is to provide a responsive system to assist the Chief of Naval Personnel and personnel managers at all command levels to develop, implement, and monitor plans and programs for the best utilization of Navy officer personnel. System files contain a complete record of military service, status, and demographic data on every current, past (since 1966), and prospective officer of the Navy. To be effective, the system requires continual update of its files. A chart of the general flow of the system is depicted at figure 1.

Input: Input to the files of the officer segment of MAPMIS is provided by CNO (OPNAV-01 elements), various staff elements of BUPERS, activities of the Chief of Naval Education and Training (CNET), the Navy Recruiting Command (NRC), the Navy Finance Center (NFC), the Naval Safety Center, Navy commands, units, and other activities, and by individual officers themselves. Much of the information in the officer personnel data bank is provided by the units to which the officers are attached for duty. Information is submitted by entries on the officer personnel diary (a sample extract of which is shown in figure 2), various Optical Character Recognition (OCR) documents (such as fitness reports, number of dependents forms, and TAD information) letters, and messages. Units send diaries to the Personnel Management Information Center (PERMIC) in New Orleans for processing; other documents and correspondence are forwarded to BUPERS for extraction of information and file entry as required. Input on an officer from activities other than the unit to which he is attached is also forwarded directly to BUPERS.

Processing: Diaries received at PERMIC are processed for micro film and file and diary entry data are also punched on cards for processing into magnetic tape files. This latter data is forwarded electrically to a duplicate magnetic tape file at BUPERS which is used to enter data into the various files of the officer segment of MAPMIS (master file, attrition file, history files, Officer Candidate Accounting and Reporting System (OCARS) file, Billets, Activities, and Bodies (BAB) file). Information on officers received directly at BUPERS by OCR forms, letters, and messages is entered into the various files via OCR reader, keypunched cards, and input programs. A magnetic tape record of this data is sent electrically to PERMIC for a duplicate file record. Various programs are activated at BUPERS to generate the many recurring and one-time officer reports which are produced each month.

Output: An average of 500 recurring and 250 one-time special reports are produced each month, especially tailored for use primarily by BUPERS Code 4. The data base is also used to extract summary statistics, strengths, and force structure (strength by designator, grade, years of service, etc.). These

reports of personnel accounting by various categories are of interest to OPNAV and DOD for manpower budgeting and accounting. A sample page of one of the reports is attached as figure 3. One of the most important documents produced by the office segment of MAPMIS is the Officer Distribution Control Report (ODCR). The ODCR is prepared monthly by BUPERS as a statement of account which provide activities with a routine system for verifying information in the officer data files (it also provides BUPERS with information to determine officer personnel requirements). Data elements of the officer files reflected on the ODCR are listed and described in figure 4. The validity and accuracy of the information on the ODCR is checked as soon as possible after receipt and necessary corrections are made by the unit through personnel diary entry, OCR document, or other correspondence as indicated in BUPERS Instruction 1301.38 (format and procedures for validation of ODCR).

INTERFACES: Joint Uniform Military Pay System (JUMPS)
Chief of Naval Education and Training (CNET)
Personnel Management Information Center (PERMIC), New Orleans
Manpower Requirements System
Naval Personnel Research and Development Center (NPRDC), San Diego

USERS: The principle users of the officer subsystem products and reports are: DOD, CNO, BUPERS, PERMIC, BUMED, NAVCRUITCOM, NAVCOMPT, CNET, NPRDC, Naval Medical Data Services Center, Center for Naval Analysis, Naval Academy, Naval Postgraduate School, Naval Reserve Manpower Center, Naval Safety Center, the systems commands, and other major fleet and shore commands.

INPUT SOURCES: OPNAV, BUPERS, PERMIC, NAVCOMPT, BUMED, CNET, NFC Cleveland, Naval Safety Center, all activities having officers attached, and individual officers.

METHOD FOR ACCESSING: No on-line query capability. Cards, tape extracts, or hardcopy may be obtained by request to the contact point, using form NAVPERS 5230/34.

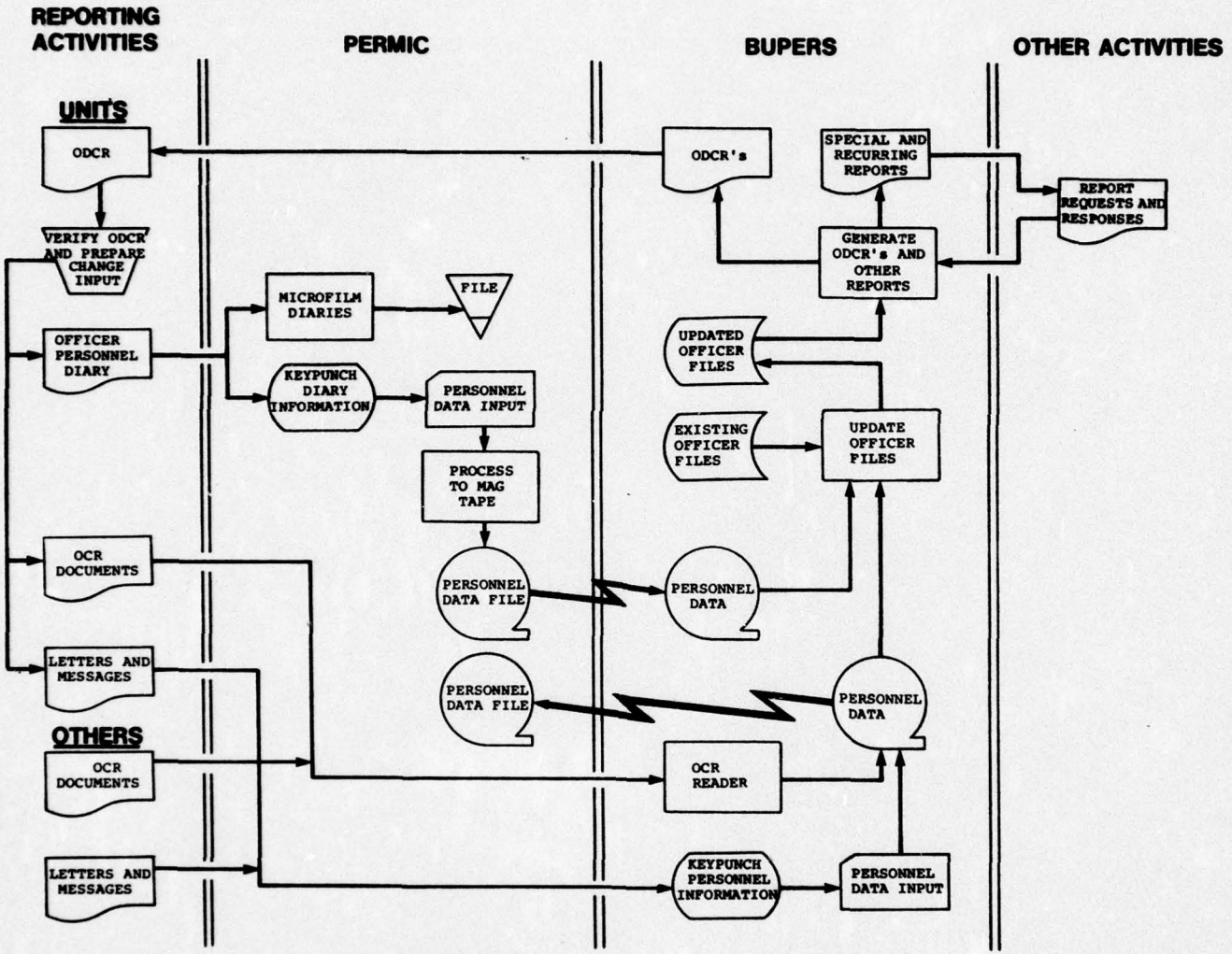


Figure 1. General System Flow—Officer Segment of MAPMIS

048	JAMES Ronald R REC FOR DUTY. RECALL ACDU/TEMAC on 10 SEP 75. ACC 100. Pri bil/duty 06789 SPEC SERV Train for 05678 FEB 76 Coll duty NONE. OTHER	859-34-7586	LT		1105
049	HAND Raymond P Jr REC FOR DUTY. INVOL RECALL ACDU on 10 SEP 75. ACC 100. Pri bil/duty 21700 INSTRUCTOR Coll duty NONE. AMER-IND	537-34-5678	ENS		1315
050	MARTINEZ Roberto NMN REC FOR DUTY UNDER INSTRUCTION. RECALL ACDU on 10 SEP 75. ACC 340. Pri bil/duty STUDENT Coll duty NONE. SPAN-DCNT	123-45-6789	LT		1105
051	GARCIA Antonio D II REC FOR TEMDU. RECALL ACDU on 10 SEP 75. TEMDU ACC 350. Pri bil/duty 02345 AST OPS OFF Train for 02330 JUN 76 Coll duty NONE. MEXICAN	452-45-8667	LT		6205
052	HAN John A Jr REC FOR TEMDU. RECALL TEMAC on 10 SEP 75. FURAS BY BUPERS ACC 320. Pri bil/duty 99990 Coll duty NONE. ASIAN-AMER	135-77-2466	LCDR		1105
053	HARRIS "J" "T" REC FOR TEMDU. INVOL RECALL ACDU on 10 SEP 75. FFT TO NAVSTA NORFOLK, VA. ACC 330. Pri bil/duty 99990. Coll duty NONE. NONE	396-35-3655	LT		1105

NOTE: Due to the fact the original diary is microfilmed, it shall be prepared with a typewriter equipped with a black ribbon capable of producing dark, distinct characters.

ORIGINAL

Figure 2 - Sample Page - Officer Personnel Diary

DATA ELEMENT NAME	DESCRIPTION

ACTIVITY DATA:

ACTIVITY NAME
The activity's name as currently carried by the Personnel Management Information Center (PERMIC).

ACTIVITY CODE
An identification code assigned by the Chief of Naval Personnel.

MANPOWER REQUIREMENTS PLAN (MARP)
The OPNAV code by which Navy activities are functionally classified in accordance with reference (f).

ACTIVITY SPONSOR
The bureau or office controlling billets authorized and organizational manning pertinent to the activity (see reference (f)).

TRANSACTION NUMBER AND DATE
The current revision to the Manpower Authorization Form (OPNAV 1000/2) used to record authorized billets on the ODCR.

DESK CODE
A code indicating the BUPERS organizational unit responsible for the activity concerned.

UNIT IDENTIFICATION CODE (UIC)
The code assigned the activity by the Comptroller of the Navy.

ALLOWANCE OFFICER DESK CODE (AODC)
A code identifying the officer responsible for data written for the activity, in the Qualitative Master Data Sets.

PHASE DATA
Entered if there is a pending change to an activity's name, activity code, or MARP code.

BILLET DATA: Data in this section relate to the activity's latest Manpower Authorization.

Figure 3. Officer Subsystem Data Elements for ODCR (Page 1 of 5)

DATA ELEMENT NAME	DESCRIPTION
BILLET SEQUENCE CODE (BSC)	A code assigned each activity billet. During peacetime, the ODCR will not list the billets contained in the organizational manning portion of the OPNAV 1000/2. Officers are not assigned to these billets in peacetime; however, in the event of mobilization, these billets would be activated and would appear on the ODCR.
BILLET TITLE	A description of the officer's primary duties.
ADDITIONAL QUALIFICATION DESIGNATION/UTILIZATION (AQD/U)	Identifies requirements for skills and knowledge in addition to those identified by an officer designator.
AUGMENT INDICATOR (AUG)	A code indicating the type of authorized billet.
DESIGNATOR ALLOWANCE	The designator code of the authorized billet.
GRADE (GR ALL)	A code indicating the grade authorized for each billet.
PRIMARY NAVY OFFICER BILLET CLASSIFICATION (NOBC)	A code identifying the occupational classification assigned to the billet. The assigned NOBC is a general statement of the duties to be performed.
BILLET SUBSPECIALTY	Shown whenever there is an educational requirement for a billet.
FUNCTIONAL AREA CODE (FAC)	A code used to modify a given billet because of certain utilization considerations.
OFFICER DATA:	
DEPENDENTS (DEP)	A code indicating the sum of an officer's primary and secondary dependents.
COLLATERAL DUTIES OR ACTIVITY WHERE ASSIGNED	An item consisting of a maximum of 14 spaces used for various data concerning the status of the officer involved.

Figure 3. Officer Subsystem Data Elements for ODCR (Cont.)
(Page 2 of 5)

DATA ELEMENT NAME	DESCRIPTION
INVESTIGATIVE DATA (SECURITY CODE/DATE)	A code representing the type and date of security investigation completed.
OFFICER SUBSPECIALTY	An officer's subspecialty code, with level, assigned to the officer (References (d) and (e)).
AVIATION COMMISSION DATE (ACD)	A constructive date to indicate total commissioned service, active or reserve.
AVIATION STATUS INDICATOR (ASI)	A code reflecting current status of an aviation officer's career incentive pay (ACIP) entitlement status.
AVIATION SERVICE ENTRY DATE (ASED)	The date an officer reports to an aviation activity to commence primary flight training.
ORDER STATUS (ORD)	A code representing present order status.
OFFICER'S NAME	A maximum of 22 spaces including all of the surname and as much of the first and middle names as possible, including any suffix.
SOCIAL SECURITY NUMBER	Self explanatory.
PHASE INDICATOR	Refers to an officer's orders written using the activity's new, but not yet effective activity code.
PRIMARY AERONAUTICAL DESIGNATION (PAD)	A code used internally in BUPERS to classify officer personnel in the aeronautical organization.
SEX	Coded M or F.
DESIGNATOR ON BOARD	A code used to group billets and officers by categories for personnel accounting and administrative purposes and to identify the status of officers.

Figure 3. Officer Subsystem Data Elements for ODCR (Cont.)
(Page 3 of 5)

DATA ELEMENT NAME	DESCRIPTION

GRADE ON BOARD
A grade code of the officer on board. It is further coded to indicate selection for promotion, and promotion under the provisions of 10 USC 5786 or the Officer Personnel Act.

DATE OF RANK
MO-YR of the officer's present grade.

ESTIMATED LOSS DATE
The estimated MO-YR that the officer will be a loss to active naval officer strength. The date is preceded by a loss code indicating reason for the loss. Not all officers will have an estimated loss code and date.

DATE ASSIGNED BILLET
A date assigned to the officer's current primary billet.

ESTIMATED DATE OF DETACHMENT (EDD)
The estimated date of detachment for an officer on whom orders have been written.

DATE REPORTED OR ESTIMATED DATE OF ARRIVAL (EDA)
MO-DA-YR for an officer who has reported on board; shown as MO-YR for an officer who has not yet reported.

PROJECTED ROTATION DATE (PRD)
A planned rotation date used only as a planning aid, and subject to change by BUPERS.

DATE DEPENDENTS ARRIVED AT OVERSEAS STATION (DATE DOS)
Date the officer's dependents arrived at the overseas station.

DEPENDENTS AT OVERSEAS STATION (DOS)
A code indicating the total number of dependents actually at the overseas duty station.

OCCUPYING PUBLIC QUARTERS (OPQ)
A "Y" indicates that the officer is occupying public quarters and his entire basic quarters allowance is being checked. For this purpose, BOQ is not considered public quarters.

DUTIES IN TRAINING FOR
A billet sequence code of the billets for which the officer is in training. This billet must be one currently shown on the activity's ODCR.

Figure 3. Officer Subsystem Data Elements for ODCR (Cont.)
(Page 4 of 5)

DATA ELEMENTS NAME	DESCRIPTION
AVIATION BILLET INDICATOR (ABI)	A code indicating an officer's current operational flying status, if applicable.
MONTHS OF OPERATIONAL FLYING	A code reflecting the total number of months of operational flying qualifying the officer for the 12 and 18-year gates.
QUALIFICATION DATE (QUAL DATE)	The estimated qualification date for the billet shown in the "Duties in Training for" block, if applicable.
NUCLEAR CAREER INCENTIVE PAY (NCIP) DATA ELEMENTS:	
NUCLEAR COMMISSION DATE (NCD)	The date an individual first served on active duty as a commissioned officer.
NUCLEAR STATUS INDICATOR (NSI)	A code indicating the entitlement status of the officer.
NUCLEAR SERVICE CONTROL DATE (NSCD)	The effective date associated with an NSI.

Figure 3. Officer Subsystem Data Elements for ODCR (Cont.)
(Page 5 of 5)

BUPERS MAPMIS [illegible] 1749-0004 362 0 AS OF 10-22-75

ACTIVE MILITARY PERSONNEL WITH DEPENDENTS

GRADE	DEPENDENT SPONSOR	ONE DEPENDENT	TWO DEPENDENT	THREE DEPENDENT	FOUR DEPENDENT	5 OR MORE DEPENDENTS	TOTAL DEPENDENT	AVG PER SPONSOR	WITH OUT DEPENDENT	TOTAL OF 1 AND 9
O-9	5	8		1			11	1	1	12
O-8	36	7	16	9		4	39	2		36
O-7	222	37	63	56	41	25	635	3	5	227
O-6	3103	251	416	836	834	765	11220	4	239	3342
O-5	6245	307	576	2059	1860	1463	23129	4	669	6914
O-4	11297	1213	1943	4592	2312	1209	34667	3	1505	12802
O-3	13202	4179	5521	3838	1099	565	30176	2	3361	16563
O-2	6161	3366	1421	941	322	111	10908	2	3710	9871
O-1	2903	2064	555	320	50	4	4354	1	4911	7814
W-3	79	79	8			2	108	1	311	390
W-2	39	82	6	1			97	1	526	617
W-1	22	22					22	1	391	413
W-4	84	10	12	27	20	11	244	3	4	88
W-3	1311	104	192	434	359	272	4718	3	71	1382
W-2	1672	114	207	551	374	226	4900	3	122	1794
W-1	198	16	28	88	34	32	541	3	95	293
TOTAL	46677	11859	9970	13753	7305	4690	125933	3	15897	62574

Figure 4 - Sample Report from MAPMIS Officer System

NAVY SYSTEM DESCRIPTION

SYSTEM TITLE: Readiness Analysis Trends ACRONYM: RAT

DOD ADPS/ADS/IDENTIFIER CODE: N526/N526/63165Q812

REFERENCES: NAVCOSSACT ADP Catalog No. 554C101A

PARENT SYSTEM: Chief of Naval Operations Command/Management Information System

MANAGER: Deputy Chief of Naval Operations (Plans, Policy, and Operations)
Washington, D. C. 20350
Telephone 695-4684 (Op-06A)

CONTACT POINT: WWMCCS Coord. and Fleet Readiness Capabilities Branch (Op-643)
Fleet Operations Readiness and Navy Command Support Center Division
DCNO (Plans, Policy, and Operations)
Telephone: 697-7543

SUBJECT/FUNCTIONS: Military operations/Analyzing operations, Determining readiness, Forecasting

SYSTEM CHARACTERISTICS:

General: The Readiness Analysis Trends (RAT) system provides the CNO staff with information describing the readiness position of Navy units. Items in the RAT data file include unit identifications, locations, and hierarchal relationships, plus readiness status codes and associated reasons extracted from the operational readiness and mission data in the Navy WWMCCS Consolidated History file. Data is extracted periodically and formatted for the processing of printed summary reports of readiness data and CALCOMP-plotted graphs showing trends in the readiness of forces. For a schematic presentation of the general system flow, see Figure 1.

Input: Input data are acquired from the Consolidated History File of the Navy Worldwide Military Command and Control System (WWMCCS) which is accessed once a month to obtain elements of data which are needed for retention in the Status of Forces (SOF) History master file of the RAT system. Nearly half of the data elements of the Consolidated History File are extracted for use in the SOF History master file. The data elements used are listed in Figure 14 on pages RAT-19 and 20. The data used reflect the status of reporting units with regard to combat readiness and mission area readiness and are used to depict

readiness status of units through printed reports and CALCOMP-plotted graphs. The SOF History file may contain as many as 75,000 records. No action is required on the part of Op-643 personnel in order to generate a new SOF History file, which is done annually as of the first of the year, nor to trigger the monthly updates of the file, since the SOF History file and the source file are both maintained by NAVCOSSACT (Code 60) in its Washington Navy Yard data processing facilities. However, input is required from Op-643 personnel for any modification of the SOF History file content makeup and any changes desired in the format of reports or trend chart graphs generated. Input is made by Op-643 sending a task order memorandum to NAVCOSSACT (Code 60) to keypunch the required cards and prepare the appropriate programs.

Processing: The source file for the RAT system's data base is the WWMCCS Consolidated History File which is provided following that system's final update for each month. NAVCOSSACT (Code 60) coordinates the acquisition of the source data file. This latter file is made up of fixed-format records of varying sizes. The data elements listed in annex A of this description are extracted from the source file, are merged, unit by unit, with the data for each unit currently residing on the RAT system's SOF History file. Data on new units is also added at this time. When the data update is completed, the revised SOF History file is ready for access through various programs which generate readiness reports and CALCOMP plotter outputs.

Output: All regular reports and graphs which make up the RAT system's output are distributed solely to the user, Op-643, on a monthly basis. Other reports can be prepared on an ad hoc basis. The regular periodic reports are described in the sub-paragraphs which follow.

A. Combat Readiness (C-rating) Report. A report to inform the user of the status codes and associated reasons relating to resource areas as reported by units. Four options are available to the user as to the units which will be included in the report as follows:

1. The report may include the entire file content (all types of units).
2. The report may include only units of one particular type.
3. The report may be generated for selected units with only units of type "VA", "SS", and "CVA" included.
4. The report may include ships, squadrons, and detachments.

See Figure 2 for an example of part of a C-rating report and an explanation of its elements.

B. Mission Area Readiness (M-rating) Report. This report indicates the unit's mission area assignments, their associated status codes, and for degraded mission capabilities, the reason for the degradation. The report includes all units contained in the SOF History file. See Figure 3 for an example of a page of an M-rating report and an explanation of its column entries.

C. Reason Code Summary Reports. These reports summarize reasons for downgraded card M-rating data and can show active and reserve units separately, ship and aircraft by type within fleet, and may be selective to include ships or squadrons and detachments. See Figures 4 through 7 for samples of these summary reports.

D. Combat Readiness (C-rating) Trend Charts. These charts depict, by means of graphs, trends in combat readiness in each of five measured resource areas (equipment, personnel, supplies, training, and overall). Two graphs are prepared for each area, one by the number of units reporting each status rating, and the other by the percentage of units reporting each readiness rating. The categories of plot grouping options available for trend charts are shown in Figure 8. For examples of trend charts see Figures 9 and 10.

E. Mission Area (M-rating) Trend Charts. Figure 11 shows the categories of plots which can be produced by each of the options of the mission area plot preparation applications. For each mission area, one plot will show the number of units by readiness rating and another plot will show the percentage of units reporting each readiness status within the mission area. Examples of these plots are shown in Figures 12 and 13.

In addition to the above reports, the SOF History file can be accessed by a terminal in Op-643 spaces to display, on a cathode ray tube, increments of any of the data contained in the file.

INTERFACES: WWMCCS Consolidated History File

USER: Principal user is WWMCCS Coord. and Fleet Readiness Capabilities Branch, DCNO (Plans, Policy, and Operations) (Op-643)

INPUT SOURCE: The user and WWMCCS Consolidated History File.

METHOD FOR ACCESSING: Address request for data to the system's contact point.

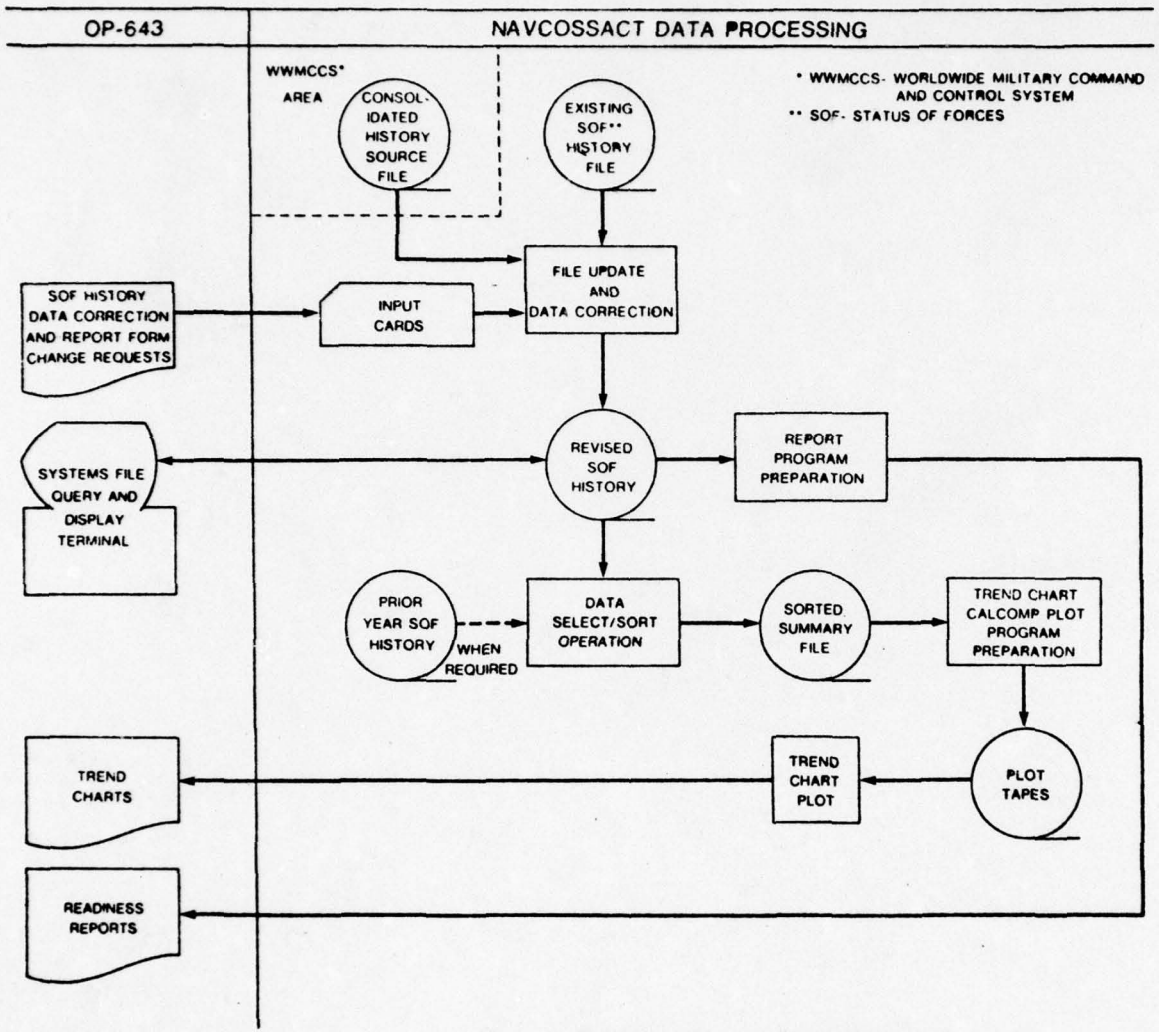
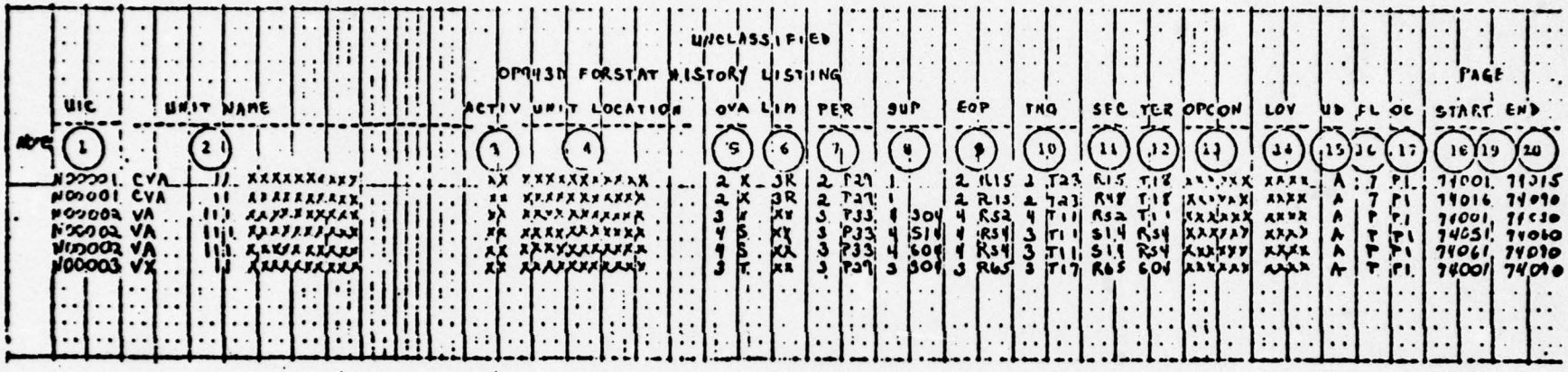


Figure 1. Readiness Analysis Trends System Flowchart



RAT-5
II-J-5

Figure 2. Combat Readiness (C-rating) Report
(Page 1 of 2)

1. Unit Identification Code (UIC) - 6 characters
2. Unit name - 30 characters
3. Activity Code - 2 characters
4. Unit location - 12 characters
5. Overall C-rating status and primary reason - 2 characters
6. Readiness rating limitation indicating readiness rating and resource area in which limitation is imposed by the type commander - 2 characters
7. through 10. Measured resource areas of personnel, supply, equipment, and training, with each area containing a 1-character status code and a 3-character reason code, where applicable.
11. Secondary reason for degraded readiness - 3 characters
12. Tertiary reason for degraded readiness - 3 characters
13. UIC of unit maintaining operational control - 6 characters
14. Geographic location code - 4 characters
15. Unit description code - 1 character
16. Fleet code - 1 character
17. Ocean Area Code - 2 characters
18. Starting date for which these status data were effective - 5 characters
19. Asterisk is inserted if the reporting dates are not continuous
20. Ending date for which these status data were effective - 5 characters

Figure 2. Combat Readiness (C-rating) Report (Page 2 of 2)

OP-943 HISTORY OF MISSION AREA DATA

UIC	UNIT NAME	ACTIV	UNIT LOC	MA-1	MA-2	MA-3	MA-4	MA-5	MA-6	START	END
NOTE: (1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12) (13)
N0C436 VC	C606 DET 001			NCO 3 R/2		CAC 1	FSO 3 P26	MOB 3 S39		73171	73171
N0C6B7 VC	.687 DET 001			NCO 1	FSO 1	MOB 1	CAC 1	NCO 1	FSO 1	73167	73167
N0C6B7 VC	.687 DET 001			CAC 1	FSO 1	MOB 1	NCO 1			73168	73170
N0C6B7 VC	.687 DET 001			NCO 1	FSO 1	MOB 1	CAC 1	NCO 1	FSO 1	73171	73171
N0C6B8 VC	.688 DET 001			CAC 1	FSO 1	MOB 1	NCO 1			73167	73167
N0C6C8 VC	.688 DET 001			AHW 3 T18	AAO 3 T18	MOB 4 S04	NCO 1	FSO 2 R65	CAC 1	73168	73170
N0C649 VC	.689 DET 001			CAC 1	FSO 1	MOB 1	NCO 1			73171	73171
N0C6B9 VC	.689 DET 001			AHW 3 T18	AAO 3 T18	MOB 4 S04	NCO 1	FSO 2 R65	CAC 1	73167•73167	
N0C6B9 VC	.689 DET 001			AHW 3 T18	AAO 3 T18	MOB 4 S04	NCO 1	FSO 2 R65	CAC 1	73171	73171
N0C692 VC	.692 DET 001			NCO 1	FSO 1	MOB 1	CAC 1			73168	73170
N0C693 VC	.693 DET 001			NCO 1	FSO 1	MOB 1	CAC 1			73167•73167	
N0C693 VC	.693 DET 001			NCO 1	FSO 1	MOB 1	CAC 1			73171	73171
N0C694 VC	.694 DET 001			NCO 2 S40	FSO 3 S40	MOB 2 S40	CAC 1			73168	73170
N0C695 VC	.695 DET 001			NCO 2 S40	FSO 3 S40	MOB 2 S40	CAC 1			73167•73167	
N0C695 VC	.695 DET 001			NCO 2 S40	FSO 3 S40	MOB 2 S40	CAC 1			73171	73171
N0C707 VC	.707 DET 001			AHW 2 T40						73168	73170
N0C709 VC	.708 DET 001			AHW 2 T40						73167•73167	
N0C71A VC	.708 DET 001			AHW 2 T40						73171	73171
N0C824 VC	.824 DET 001			NCO 1	FSO 1	MOB 1	CAC 1			73168	73168
N0C825 VC	.825 DET 001			NCO 1	FSO 1	MOB 1	CAC 1			73167•73168	
N0C965 VC	.925 DET 001			NCO 1	FSO 1	MOB 1	CAC 1			73171	73171
N0C82A VC	.826 DET 001			NCO 1	FSO 1	MOB 1	CAC 1			73167•73167	
N0C82A VC	.826 DET 001			NCO 1	FSO 1	MOB 1	CAC 1			73171	73171
N0C492 VF	.492 DET 001			AHW 4 S18	AAO 4 S18	MOB 4 S18	CAC 4 S18			73168	73170
N0C493 VF	.493 DET 001			AHW 4 S18	AAO 4 S18	MOB 4 S18	CAC 4 S18			73167•73167	
N0C493 VF	493 DET 001			AHW 4 S18	AAO 4 S18	MOB 4 S18	CAC 4 S18			73171	73171
N0C504 VF	.504 DET 001			AHW 3 R09	CAC 1	AHW 1	AAO 1			73168	73170
N0C505 VF	.505 DET 001			AHW 3 R09	CAC 1	AHW 1	AAO 1			73167•73167	
N0C505 VF	505 DET 001			AHW 3 R09	CAC 1	AHW 1	AAO 1			73171	73171
N0C508 VF	.508 DET 001			AHW 2 T16	AAO 2 T16	MOB 2 R68	CAC 1			73168	73170
N0C509 VF	.509 DET 001			AHW 2 T16	AAO 2 T16	MOB 2 R68	CAC 1			73167	73167
N0C509 VF	509 DET 001			AHW 2 T41	AAO 2 T41	MOB 2 S07	CAC 1			73168	73170
N0C509 VF	.509 DET 001			AHW 2 T16	AAO 2 T16	MOB 2 R68	CAC 1			73171	73171
N0C510 VF	.510 DET 001			AHW 2 T41	AAO 2 T41	MOB 2 S07	CAC 1			73167•73167	
N0C510 VF	.510 DET 001			AHW 2 T41	AAO 2 T41	MOB 2 S07	CAC 1			73171	73171
N0C514 VF	514 DET 001			CAC 1	NCO 1	NCO 1				73168	73170
N0C515 VF	515 DET 001			CAC 1	NCO 1	NCO 1				73167	73167
N0C515 VF	.515 DET 001			AHW 1	AAO 1	MOB 1	CAC 1			73168	73170
N0C515 VF	515 DET 001			CAC 1	NCO 1	NCO 1				73171	73171
N0C515 VF	.515 DET 001			AHW 1	AAO 1	MOB 1	CAC 1			73167•73167	
N0C516 VF	.516 DET 001			AHW 1	AAO 1	MOB 1	CAC 1			73171	73171
N0C518 VF	.518 DET 001			AHW 1	AAO 1	MOB 1	CAC 1			73168	73170
N0C519 VF	.519 DET 001			AHW 1	AAO 1	MOB 1	CAC 1			73167•73167	
N0C519 VF	.519 DET 001			AHW 1	AAO 1	MOB 1	CAC 1			73171	73171
N0C522 VF	.522 DET 001			MOB 1	CAC 1	AHW 1	AAO 1			73168	73170
N0C523 VF	.523 DET 001			MOB 1	CAC 1	AHW 1	AAO 1			73167	73167
N0C523 VF	.523 DET 001			AHW 1	AAO 1	MOB 1	CAC 1			73168	73170
N0C523 VF	.523 DET 001			MOB 1	CAC 1	AHW 1	AAO 1			73171	73171

UNCLASSIFIED

Figure 3. Mission Area Readiness (M-rating) Report
(Page 1 of 2)

1. Unit identification code - 6 characters

2. Unit name - 30 characters

3. Activity code - 2 characters

4. Unit location - 12 characters

5. through 10. Primary mission areas for which the unit is responsible. Each entry contains a 3-character mission area code, a 1-character status code, and a 3-character reason for degraded status, if applicable.

11. Starting date for which the status data are effective - 5 characters.

12. Asterisk to indicate non-continuous dates for reporting - 1 character. Any record with all blanks in mission area fields will be treated as missing data.

13. End date for which the status data are applicable - 5 characters.

Figure 3. Mission Area Readiness (M-rating) Report (Page 2 of 2)

NAVY UNIT REASON CODES BY SHIP/AC TYPE WITHIN FLEET
PERIOD OF SUMMARY (DD MMM.YY - DD MMM YY)
(REPORT CONTENTS)

TYPE	TOTAL UNIT	FLT	PERSONNEL CODE	PERSONNEL RATING C2	PERSONNEL RATING C3-4	PERSONNEL TOT NO REPORT	PERSONNEL TOT DAYS	SUPPLY CODE	SUPPLY RATING C2	SUPPLY RATING C3-4	SUPPLY TOT NO REPORT	SUPPLY TOT DAYS	EQUIPMENT CODE	EQUIPMENT RATING C2	EQUIPMENT RATING C3-4	EQUIPMENT TOT NO REPORT	EQUIPMENT TOT DAYS	TRAINING CODE	TRAINING RATING C2	TRAINING RATING C3-4	TRAINING TOT NO REPORT	TRAINING TOT DAYS
(XXXX)	2	3	P29	1		1	3	S45	1		1	1	R54	1		1	3	T45	1		1	3
	2	3						S32	1	1	2	8	R72		1	1	1					
	2	3	P29	1	1	2	9															
	15	3	P11	1	1	2	26	S04	6	1	7	25	R03		3	3	40	T09	2		2	6
			P25	1	1	2	10	S07	5	3	8	101	R54	3	1	4	28	T11	3	2	5	23
			P29		16	16	59	S08	2		2	20	R65	1		1	1	T16	1	1	2	27
			P33		1	1	3	S31	1		1	1	R72	3	1	4	18	T27		1	1	4
			P36	2	2	4	8	S39	5	1	6	37	R75	1		1	1	T28	4		4	43
			P37	5		6	47	S45	2		2	6	R76	1		1	3	T41	5	3	8	30
													R78	1		1	3	T42	1		1	3
	2	3	P19		1	1	1	S09	1		1	3	R54	1		1	3					
								S31	1		1	3	R72	1		1	3					
	3	3	P19	1		1	3	S04	1	1	2	2	R40		1	1	1	T16	1		1	1
			P25	1		1	1	S07		2	2	4	R50		1	1	1	T38	1		1	1
			P29		2	2	2						R54	1		1	1	T41		1	1	3
													R72		2	2	4	T44		1	1	1
	9	3	P26		1	1	3	S03	1		1	1	R02	1	1	2	47	T11	4		4	8
			P29	4	6	10	55	S04	2	2	4	12	R03	1		1	3	T17	2	1	3	53
			P36		2	2	59	S07	2		2	4	R18	1		1	1	T28	2		2	9
			P37	1		1	41	S39	6	4	10	93	R52	1	2	3	5	T38	1		1	2
								S50	1		1	3	R54	4	1	5	12	T41	1		1	6
													R70	3	2	5	33					
													R72	1	1	2	9					
	1	3	P36		1	1	6	S04		1	1	6	R02	1		1	12	T38	1		1	6
													R03	1		1	6					
	8	3	P11		1	1	2	S04		1	1	2	R52		1	1	2	T11	1		1	6
			P19		1	1	4	S07		1	1	5	R54	1		1	5	T45	2		2	6
			P29		2	2	12	S39	1	1	2	8	R65	1	1	2	15					
			P37		2	2	10						R72	1		1	6					
													R75	1		1	4					
													R77	1		1	4					

Figure 4. **Reason Code Summary Report (By Type Within Fleet)**

NAVY UNIT REASON CODE
(FLEET NAME)

PERSONNEL			SUPPLY			EQUIPMENT			TRAINING		
CODE	NO. TIMES REPORTED	TOTAL DAYS	CODE	NO. TIMES REPORTED	TOTAL DAYS	CODE	NO. TIMES REPORTED	TOTAL DAYS	CODE	NO. TIMES REPORTED	TOTAL DAYS
P11	3	28	S03	1	1	R02	3	59	T09	2	6
P19	3	8	S04	15	47	R03	5	49	T11	10	37
P26	4	14	S07	13	114	R19	1	1	T16	3	28
P29	33	139	S08	2	20	R40	1	1	T17	3	53
P33	1	3	S09	1	3	R50	1	1	T27	1	4
P34	1	6	S31	2	4	R52	6	7	T28	6	52
P36	4	67	S32	2	8	R54	13	44	T38	3	8
P37	8	98	S39	18	138	R65	3	16	T41	10	39
			S45	3	7	R70	8	33	T42	1	3
			S90	1	3	R72	11	41	T44	1	1
						R75	2	5	T45	3	9
						R76	1	3			
						R77	1	4			
						R78	1	3			

Figure 5. Reason Code Summary Report (Fleet Summary)

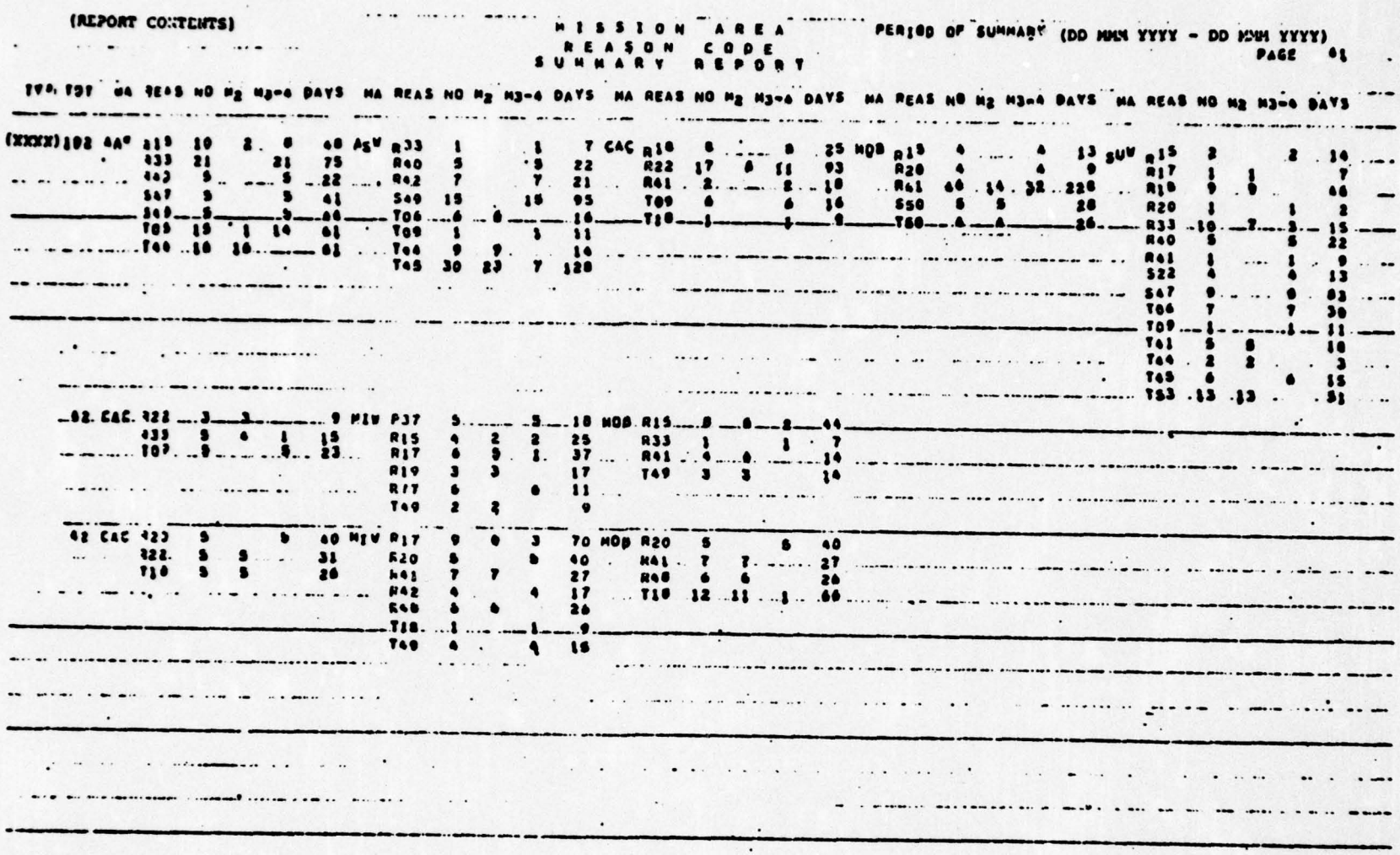
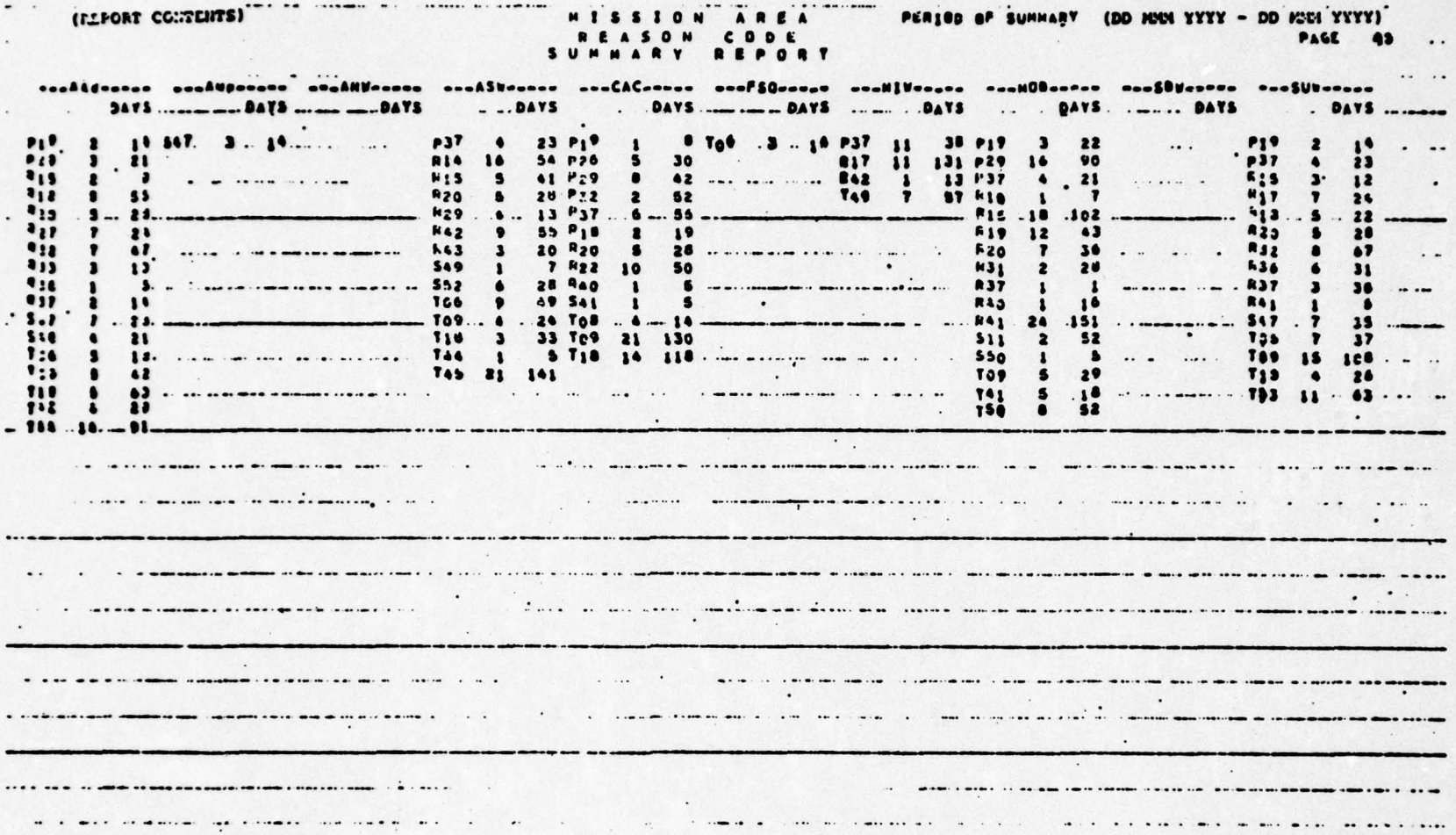


Figure 6. Mission Area Reason Code Summary Report
(By Type Within Fleet)



(REPORT CONTENTS) MISSION AREA REASON CODE SUMMARY REPORT PERIOD OF SUMMARY (DD MMM YYYY - DD MMM YYYY) PAGE 99

---AAA---		DAYS	---AMP---		DAYS	---ANV---		DAYS	---ASW---		DAYS	---CAC---		DAYS	---FSO---		DAYS	---HIV---		DAYS	---HOB---		DAYS	---SBV---		DAYS	---SUB---		DAYS
P19	2	10	B47	3	14				P37	4	23	P19	1	8	T06	3	16	P37	11	38	P19	3	22				P19	2	14
P29	3	21							R14	16	54	P26	5	30				B17	11	131	P29	16	90				P37	4	23
P37	2	9							R15	5	41	P29	8	42				B42	1	13	P37	4	21				R15	3	12
R18	8	55							R20	8	28	P32	2	52				T49	7	87	R18	1	7				R17	7	24
R19	3	23							R29	6	13	P37	6	56							R19	18	102				R19	5	22
R27	7	21							R42	9	55	P18	2	19							R29	12	63				R29	5	28
R28	7	67							R43	3	20	R20	8	28							R32	7	36				R32	8	67
R33	3	13							S49	1	7	R22	10	50							R36	2	28				R36	6	31
R38	1	5							S52	6	28	R40	1	6							R37	1	1				R37	3	38
R37	2	14							T66	9	69	S41	1	5							R45	1	16				R41	1	8
S47	7	23							T09	4	24	T08	4	14							R41	24	151				S47	7	35
S50	6	21							T18	3	33	T09	21	130							S11	2	52				T06	7	37
T06	5	15							T44	1	5	T18	14	118							S50	1	5				T09	15	108
T09	8	42							T45	21	141										T09	5	29				T13	4	26
T18	8	63																			T41	5	18				T93	11	63
T42	6	89																			T50	8	52						
T84	10	91																											

Figure 7. Mission Area Reason Code Summary Report
(Fleet Summary)

Program Name	Major Groupings	Minor Groupings	
		Ships	Aircraft
RT-12	6th Fleet	X	X
RT-13	3rd Fleet	X	X
	7th Fleet	X	X
RT-14	Reserves (LANT)	X	X
	Reserves (PAC)	X	X
RT-15	LANT/NAVEUR	X	X
	PAC	X	X
RT-16	LANT (Option #1)		
	Aircraft Carriers	X	
	Submarine Force	X	
	Cruiser-Destroyer Force	X	
	LANT (Option #2)		
	Amphibious Force	X	
	Service Force	X	
	Mine Force	X	
	PAC (Option #3)		
	Aircraft Carriers	X	
	Submarine Force	X	
	Cruiser-Destroyer Force	X	
	PAC (Option #4)		
	Amphibious Force	X	
	Service Force	X	
	Mine Force	X	
RT-17	LANT (Option #1)		
	SS	X	
	SSB	X	
	SSN	X	
	PAC (Option #2)		
	SS	X	
	SSB	X	
	SSN	X	
RT-18	WESTLANT	X	X

Figure 8. Categories of Plot Grouping Options for Combat Readiness Trend Charts

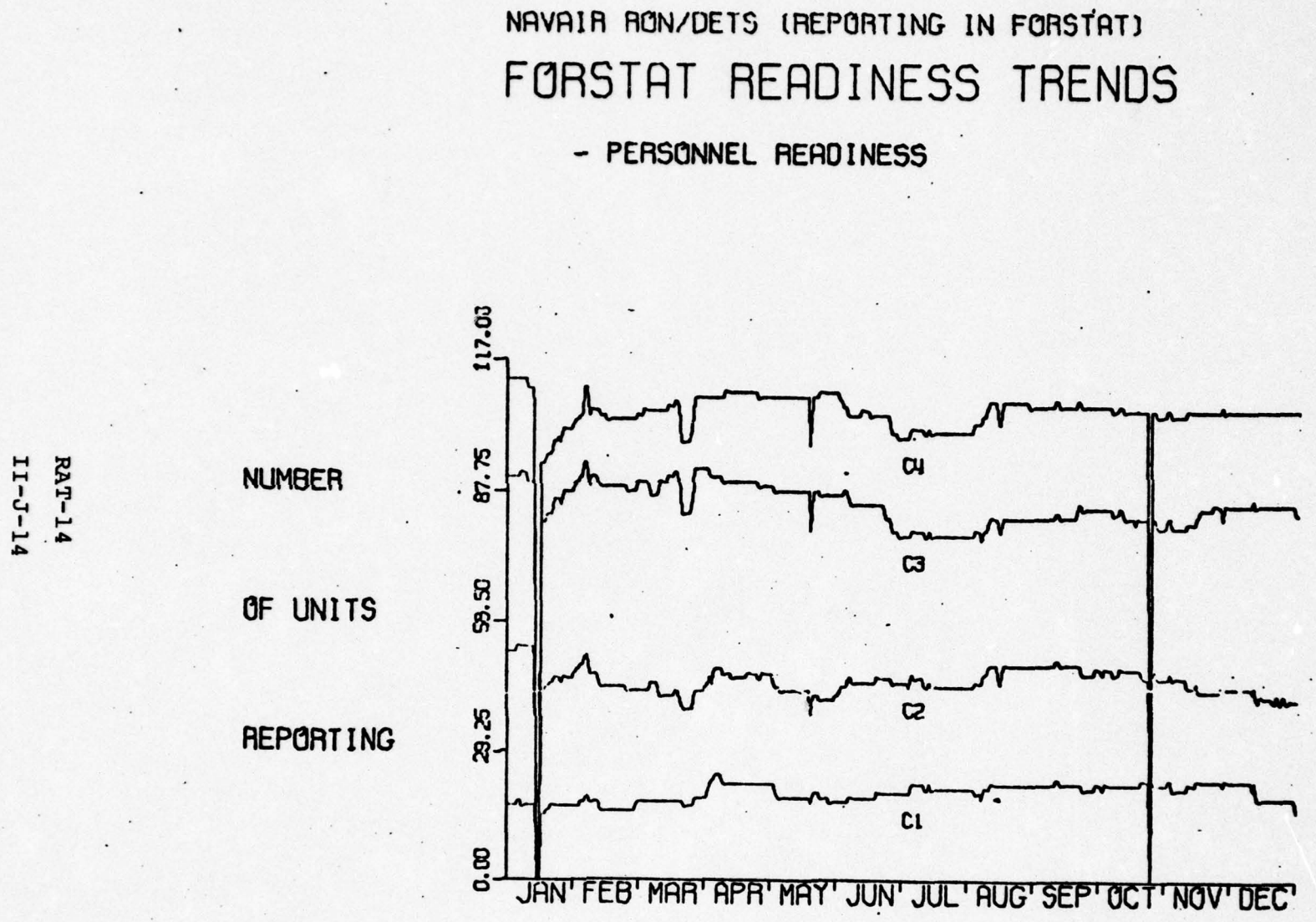


Figure 9. Sample Combat Readiness (C-rating) Trend Chart (Nr. of Units)

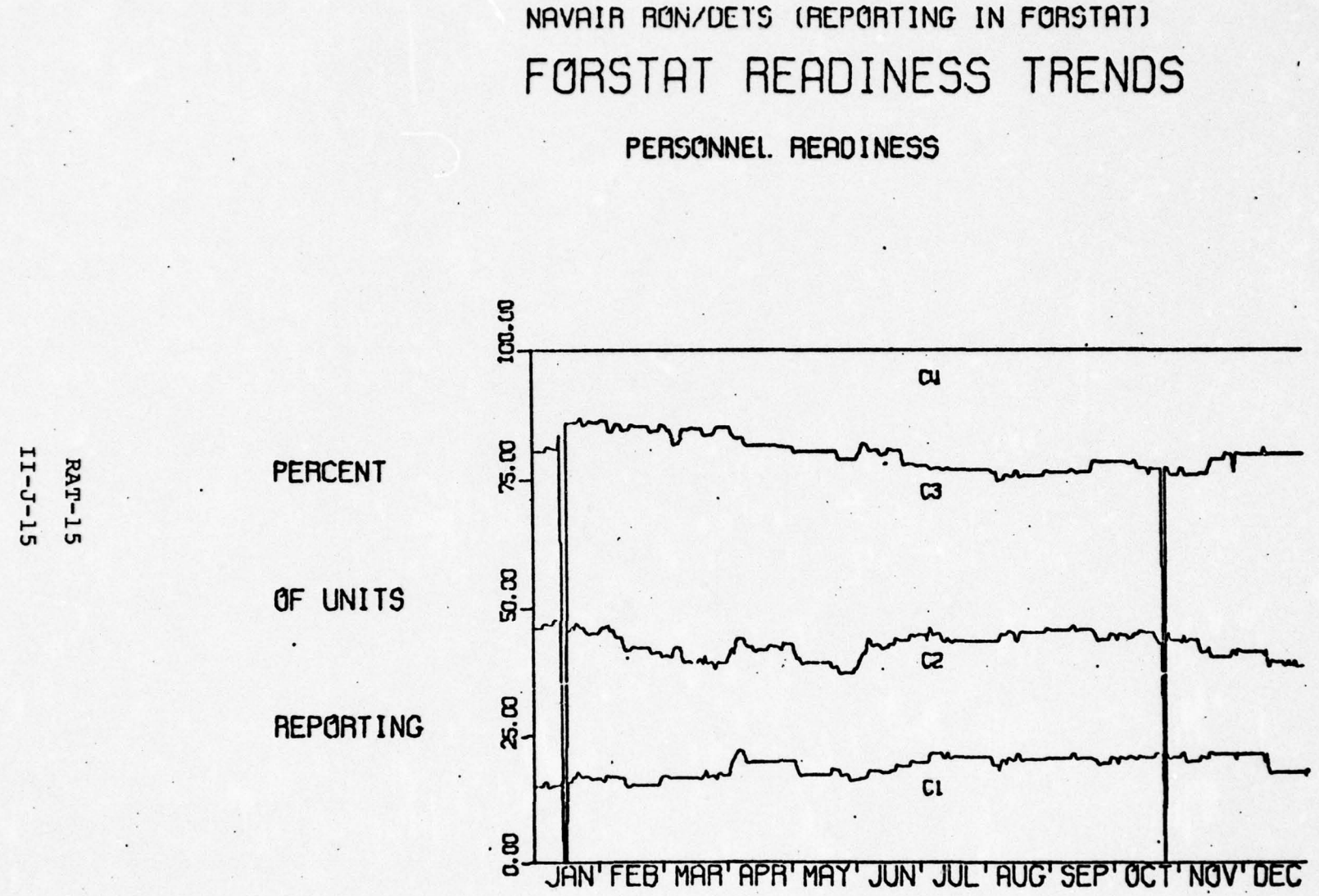


Figure 10. Sample Combat Readiness (C-rating) Trend Chart (Percent of Units)

Program Name	Major Groupings	Minor Groupings		
		Ships	Aircraft	Ships/Aircraft Combined
MT-12	6th Fleet	X	X	X
MT-13	3rd Fleet (option #1)	X		
	7th Fleet (option #2)	X	X	X
MT-14	Reserves	X	X	
MT-15	LANT (option #1)	X		X
	LANT (option #2)		X	
	PAC (option #3)	X		X
	PAC (option #4)		X	
	Combined (LANT & PAC) (option #5)	X		X
	(option #6)		X	
MT-18	2nd Fleet	X		

Figure 11. Categories of Plot Grouping Options for Mission Area Readiness Trend Charts

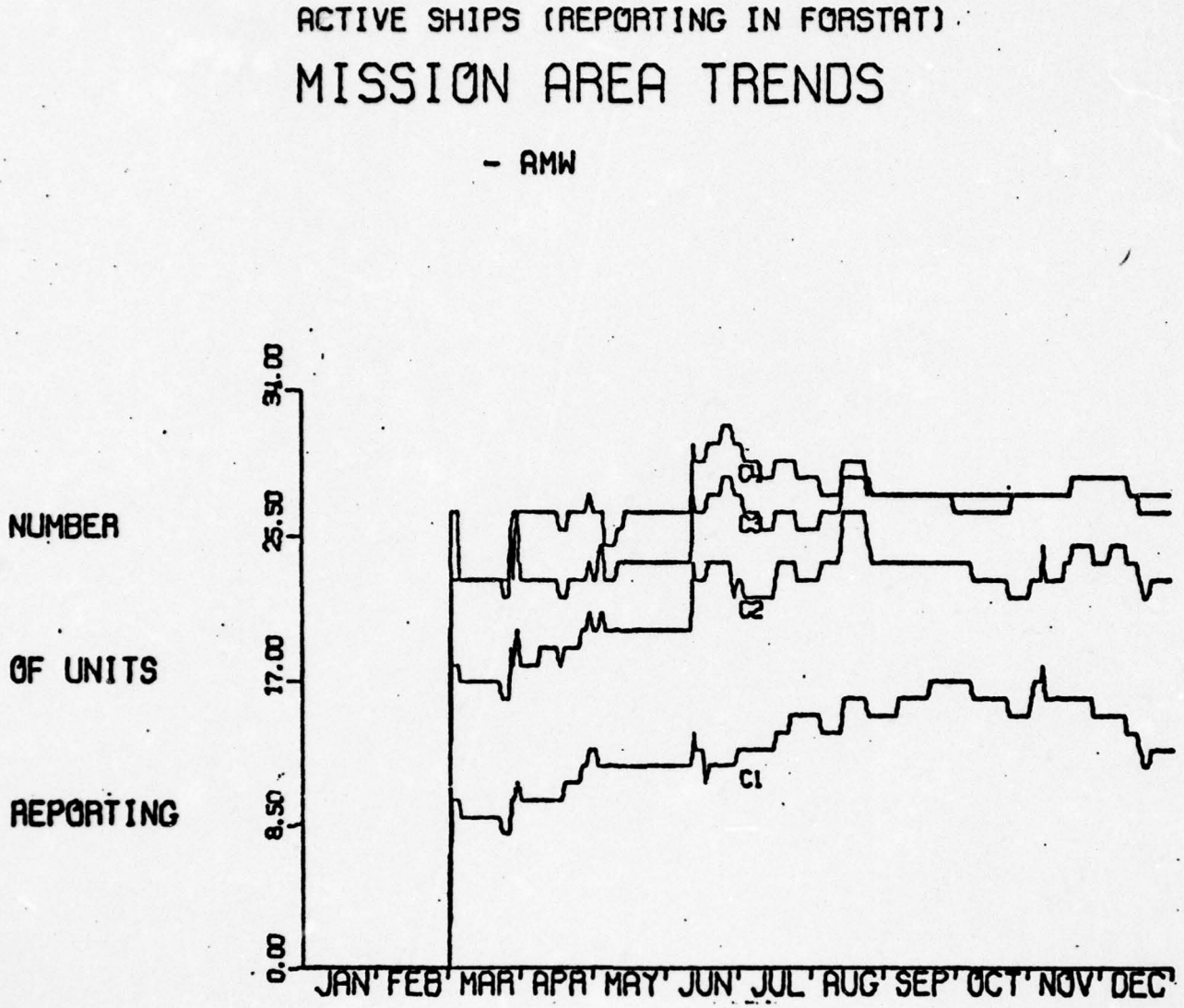


Figure 12. Sample Mission Area Readiness (M-rating) Trend Chart (Number of Units)

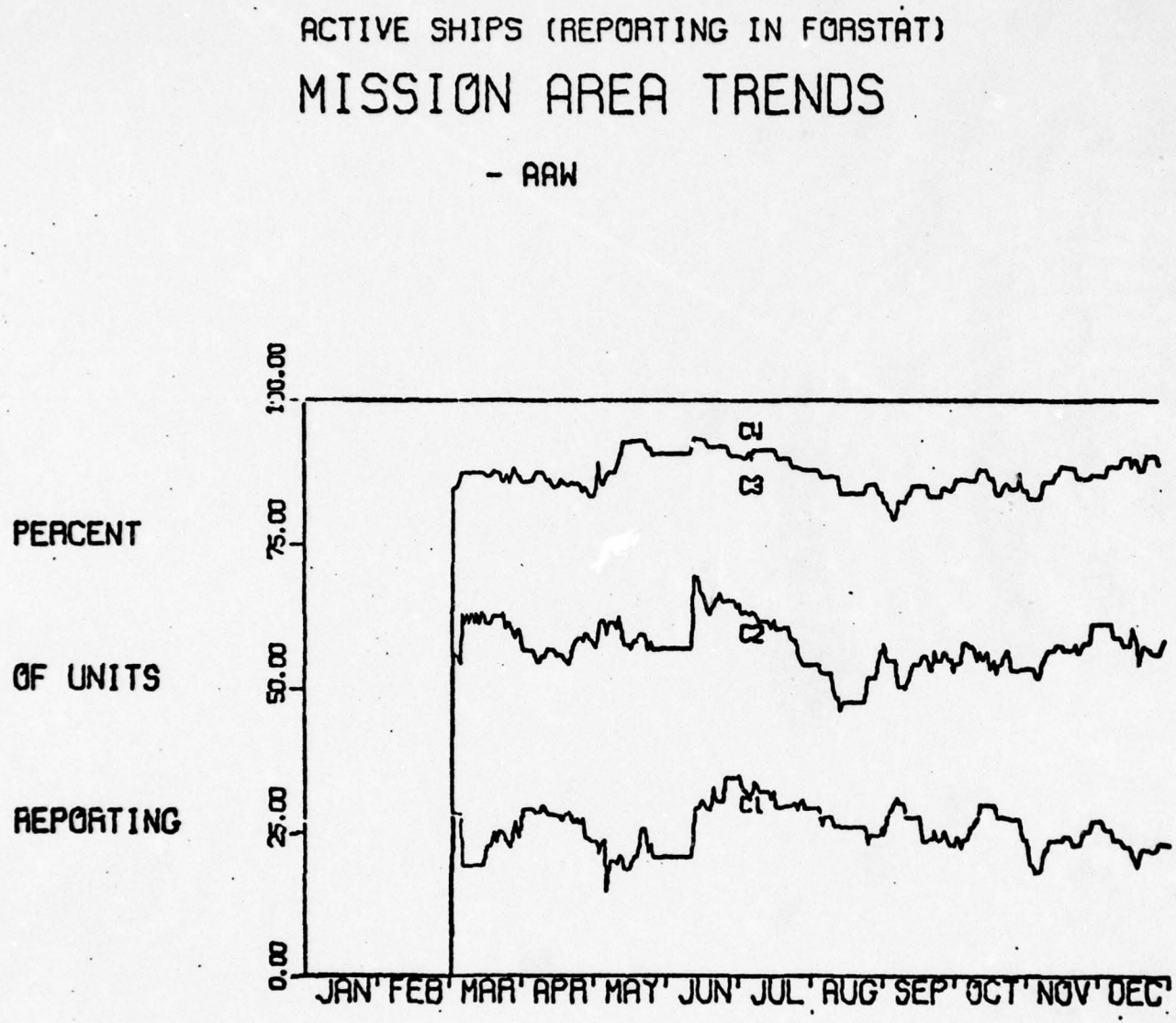


Figure 13. Sample Mission Area Readiness (M-rating) Trend Chart (Percent of Unit)

The following are data elements of the Status of Forces History master file of the Readiness Analysis Trends System which are extracted from the Navy WWMCCS Consolidated History File.

Unit Identification Code

Unit Designation

Unit Name

Unit Type

Unit Level

Major Command

OPCON UIC

ADCON UIC

Org. Embark UIC

Status

Unit Location

Current Overall Readiness Rating

Overall Reason

Personnel Resource Rating

Primary Reason Rating for Personnel Not Full Ready

Equipment and Supply Rating

Equipment and Supply Reason

Equipment Readiness Rating

Equipment Readiness Reason

Training Readiness

Training Reason

Secondary Reason Organization Not Fully Ready

Tertiary Reason

Figure 14. RAT System Data Base Elements (Page 1 of 2)

Date Elements (Cont'd.)

Forecast Readiness Rating

Readiness Rating Limit

Reason for Limit

Primary Mission Area

Mission Area Rating

Primary Reason Not M-1

Second Mission Area

Mission Area Rating

Reason Not M-1

Third Mission Area

Mission Area Rating

Reason Not M-1

Fourth Mission Area

Mission Area Rating

Reason Not M-1

Fifth Mission Area

Mission Area Rating

Reason Not M-1

Sixth Mission Area

Mission Area Rating

Reason Not M-1

Fleet

Area

Start Date

End Date

Figure 14. RAT System Data Base Elements (Page 2 of 2)

NAVY SYSTEM DESCRIPTION

SYSTEM TITLE: RESERVE PERSONNEL SYSTEM ACRONYM: Reserve

DOD ADPS/ADS/IDENTIFIER CODE: N100/NP06/N63003PR01-3

REFERENCES:

PARENT SYSTEM: Navy Manpower and Personnel Management Information System (MAPMIS)

MANAGER: Deputy Assistant Chief of Naval Personnel for Management Information (PERS-3C2)
Bureau of Naval Personnel
Arlington, VA 20370
Telephone: 694-5724

CONTACT POINT: Naval Reserve Liaison (PERS-3C226)
Telephone: 694-2279

SUBJECT/FUNCTIONS: Personnel
Military/

Processing
Filing
Storing
Retrieving and/or Reporting Data
Updating

SYSTEM CHARACTERISTICS:

General: The MAPMIS Reserve Personnel System provides information to managers at the CNO, Office of the Director of Naval Reserve (NOP-09B), Chief of the Naval Reserve Command (CNRC), BUPERS, Naval Reserve Manpower Center (NRMC) and reserve activities. Its files contain information on inactive reserves (selected and standby), retired, and fleet reserve personnel and on mobilization billets. The data elements of the officer and enlisted personnel files of the system are somewhat similar to those of the MAPMIS active duty officer and enlisted personnel files with additional elements concerning attendance at reserve drills and active duty training. A chart depicting the general system flow is shown in figure 1.

Input: The hardcopy records on reserve and retired personnel are maintained by BUPERS with data on these personnel being maintained on magnetic tape and disk files of the MAPMIS Reserve Personnel System at the Personnel Management Information Center (PERMIC) in New Orleans, LA. These latter files are up-dated by information provided by reserve activities and BUPERS. Reserve activities forward a Reserve Unit Personnel and Performance Report (RUPPERT) to PERMIC by mail on the 15th and last day of each month. A copy of the last RUPPERT of the month is also sent to NFC Cleveland, OH, and acts as a pay record for the month.

Information on changes of status of reservists, such as advancement in grade, retirement, etc., emanates from BUPERS and is forwarded to PERMIC by individual documents, card decks, and/or magnetic tapes. Information to update the officer and enlisted personnel mobilization billet files of the system comes from CNO (NOP-09R and NOP-01).

Processing: When the RUPPERTS are received from reserve units at PERMIC, the changes recorded on the forms are keypunched and the cards run with an input program to update the master officer and enlisted personnel files of the system. The same processing is done with documents received from BUPERS and CNO staff sections to update personnel, mobilization and other files of the system. Data on card decks and magnetic tape received from BUPERS are processed directly into the system. Main files of the Reserve Personnel System at PERMIC not already mentioned are the retired reserve file, the retirement points/history file, the survivor benefits file, the reserve personnel foreign address files, the promotion history files, the activity status file, and the reserve command/unit address file. Periodic reports are generated utilizing routine programs which are run at designated time intervals. Programs are written or modified to produce ad hoc reports which deviate in content and format from periodic reports. PERMIC personnel review system report printouts and make distribution as required.

Output: As with other MAPMIS subsystems, the Reserve Personnel System generates numerous reports on both a periodic and an ad hoc basis. With information provided from the officer and enlisted mobilization billet files, the NRMC is able to assign reservists with specific skills to corresponding vacant mobilization billets and maintain an availabiltiy list for selection on short notice. Reports are prepared for reserve managers such as NCO (NOP-09R) and CRNC to keep them informed on the size and training requirements of the reserve and to supervise the allocation of Naval Reserve funds. An example of a Reserve Personnel System report is shown in figure 2.

INTERFACES: Other MAPMIS subsystems.

USERS: BUPERS, Chief of Naval Reserve Command (CRNC), Naval District Commandants, NRMC, NFC Cleveland, CNO (NOP-09R), and reserve activities.

INPUT SOURCES: BUPERS, CNO (NOP-09R), and reserve activities.

METHOD FOR ACCESSING: No on-line query capability. Tapes or hardcopy reports may be requested from the contact point.

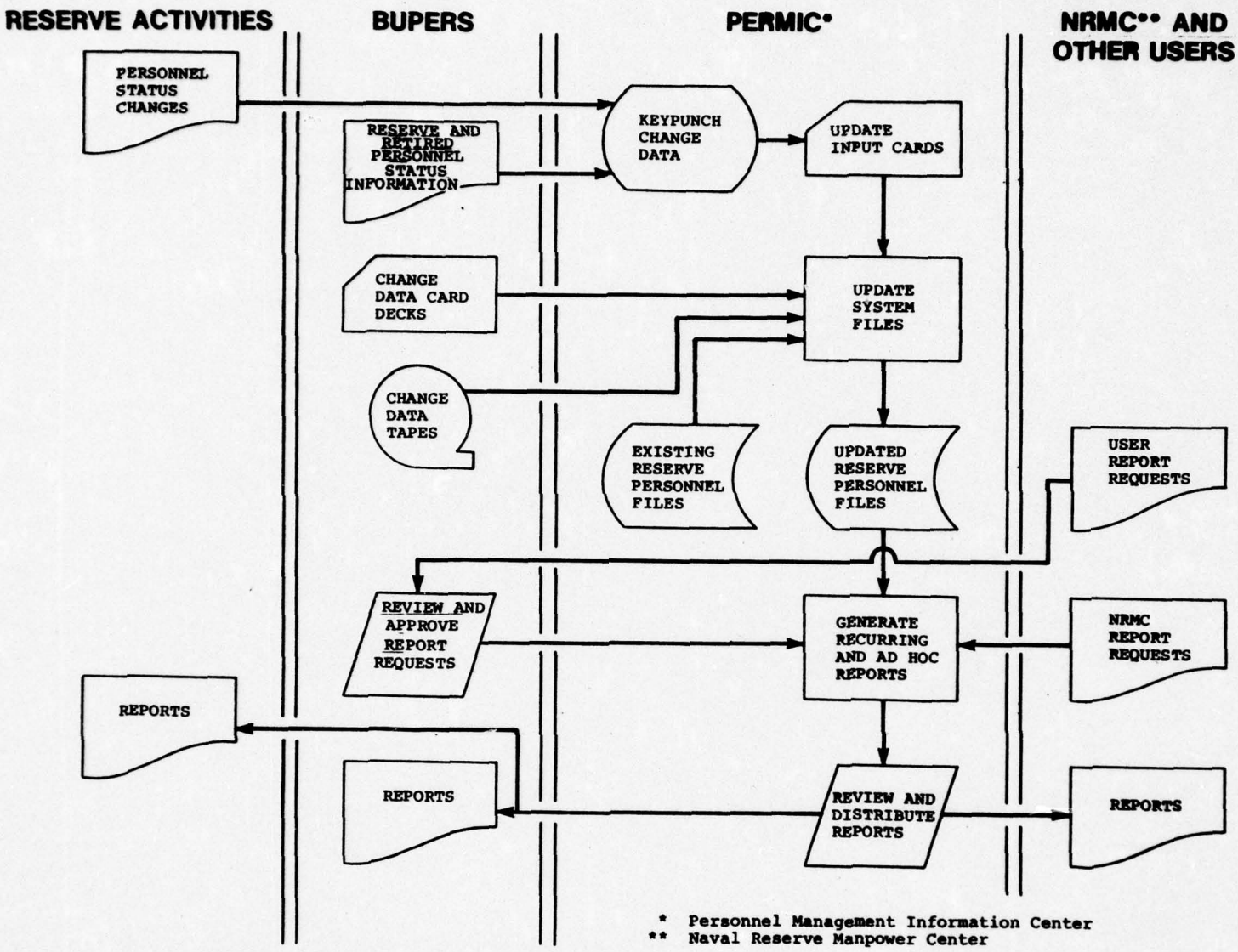


Figure 1. MAPMIS Reserve Personnel General System Flow

BUPERS - PAYICONUS-1080-1137-B-W-03-31-75
INACTIVE OFFICER AND ENLISTED SUPPLEMENTAL STRENGTH REPORT AS OF 31 MARCH 1975 BI-MONTHLY

DISTRICT/COMMAND/AIR-SITE	ENLISTED NON-PAY	OFFICER NON-PAY	ENLISTED IN A PAY STATUS TCAT-A	TCAT-B	TCAT-F	OTHER	TOTAL	OFFICERS IN PAY STATUS TCAT-A	TCAT-B	OTHER	TOTAL	PAY TOTAL C/E
1ST NAVAL DISTRICT	77	554	2594	70	0	0	2664	97	172	0	269	2933
3RD NAVAL DISTRICT	348	1101	12364	654	325	0	13343	1119	1692	0	2810	16153
4TH NAVAL DISTRICT	116	674	3957	89	0	0	4046	96	212	0	308	4354
5TH NAVAL DISTRICT	31	656	2053	65	0	0	2118	73	93	0	166	2284
6TH NAVAL DISTRICT	225	1095	11896	1107	205	0	13208	1364	1810	1	3175	16383
8TH NAVAL DISTRICT	129	528	6288	192	86	0	6564	457	695	0	1152	7716
9TH NAVAL DISTRICT	343	1402	12567	616	121	0	13304	697	1595	0	2292	15596
10TH NAVAL DISTRICT	0	11	2	0	0	0	2	0	6	0	6	8
11TH NAVAL DISTRICT	197	1429	9388	448	131	0	9967	1150	993	0	2143	12115
13TH NAVAL DISTRICT	100	409	4026	169	59	0	4254	357	411	0	768	5022
14TH NAVAL DISTRICT	7	21	194	116	8	0	318	80	31	0	111	429
15TH NAVAL DISTRICT	18	29	0	0	0	0	0	0	0	0	0	0
ONAVRES S/SS	0	21	0	0	0	0	0	2	12	0	14	14
OVERSEAS	15	93	2	0	0	0	2	19	10	0	29	31
UNKNOWN FTD	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL SURFACE/SUBSURFACE	1606	8023	65329	3526	935	0	69790	5560	7687	1	13248	83038
CHNAVEDTRA NAS PENSACOLA	978	0	0	0	0	0	0	0	0	0	0	0
CNAVRES AIR	0	0	0	0	0	0	0	0	0	0	0	0
NARU ANDREWS	21	97	971	5	15	0	991	231	98	0	379	1370
NAS ATLANTA	17	45	803	0	39	0	842	131	13	0	144	986
NAS DALLAS	17	129	1118	4	34	0	1156	161	30	0	191	1347
NAS GLENVIEW	40	195	1829	3	18	0	1850	386	55	0	441	2291
NAF DETROIT	49	96	1123	1	22	0	1146	170	44	0	214	1360
NARU JACKSONVILLE	19	101	958	3	48	0	1009	222	41	0	263	1272
NARU LAKEHURST	16	62	532	0	32	0	564	64	40	0	104	668
NARU POINT MUGU	19	70	759	14	49	0	822	204	93	0	297	1119
NAS LOS ALAMITOS	15	71	375	0	0	0	375	20	26	0	46	421
NARU MEMPHIS	12	75	1049	1	32	0	1082	246	24	0	270	1352
NARDET MOFFETT	0	0	426	0	0	0	426	163	15	0	178	604
NAS NEW ORLEANS	9	55	720	0	16	0	736	199	36	0	235	971
NARDET MIRIMAR	0	0	330	0	0	0	330	82	18	0	100	430
NARU NORFOLK	13	77	709	0	3	0	712	142	48	0	190	902
NARU ALAMEDA	41	220	970	2	69	0	1041	230	61	0	291	1332
NARU WHIDBEY ISLAND	12	89	900	0	21	0	921	230	37	0	267	1188
NAS SOUTH WEYMOUTH	12	131	965	1	27	0	993	228	46	0	274	1267
NAS WILLOW GROVE	76	234	1903	8	4	0	1915	368	52	0	420	2335
NARU NORTH ISLAND	18	66	695	0	29	0	725	205	39	0	244	969
TOTAL AIR	1384	1813	17116	42	453	0	17611	3732	816	0	4548	22159
TOTAL NAVAL RESERVE	2990	9836	82445	3568	1388	0	87401	9292	8503	1	17796	105197

Figure 2. Example of Report - MAPMIS Reserve Personnel System

MARINE CORPS SYSTEM DESCRIPTION

SYSTEM TITLE: Manpower Management System ACRONYM: MMS

DOD ADPS/ADS/IDENTIFIER CODE: Not listed.

REFERENCES: Personnel Reporting Instruction Manual, MCO P1080:35

PARENT SYSTEM: Joint Uniform Military Pay System/Manpower Management System (JUMPS/MMS)

MANAGER: Deputy Chief of Staff for Manpower
Headquarters, U.S. Marine Corps
Washington, D. C.
Telephone: 694-8003

CONTACT POINT: Manpower Management Information Systems Branch (MPI)
Manpower Plans and Policy Division
Headquarters, U.S. Marine Corps
Telephone: 694-4868

SUBJECT/FUNCTIONS: Personnel, Military/Recording-Accounting

SYSTEM CHARACTERISTICS:

General: The system records and accounts for Marine Corps personnel serving on active duty for a period in excess of 30 days. The master file consists of a complete record for each Marine and contains data reflecting military status and demographic characteristics. The general system flow is presented schematically at Figure 1.

Input: The individual computer record for each Marine is initially constructed when he enters the Marine Corps. Enlisted records are constructed and entered into MMS at the two Recruit Depots--Parris Island, S.C. and San Diego, CA. Officer records are constructed and entered into MMS at the officer training facilities located at Quantico, VA. Once the individual records are established, the basic source document for updating the records is the unit diary. The unit diary is an optical character recognition (OCR) form that is prepared by each reporting unit, e.g., company, battery, squadron, Marine Barracks, etc., using a special OCR typewriter font. There are approximately 1600 special format statements used on the unit diary that describe personnel-status changes. A sample of a complete unit diary is shown at Figure 2. Unit diaries are prepared and submitted daily to reflect personnel-status changes as they occur. Completed unit diaries are submitted to a regional Administrative Control Unit (ACU). The ACU reviews unit diaries for obvious errors prior to processing them on the optical character reader. Unit diaries ready for processing are then submitted by the ACU to a regional field MMS Satellite Data Processing Installation (SDPI).

Processing: Unit diaries received by the SDPI are processed through the optical character reader where the typed data are electronically transcribed to magnetic tape for computer processing. Change data are processed at the SDPI to update the field records of those Marines under the MMS jurisdiction of the SDPI. During the field file maintenance process, magnetic tapes are prepared for AUTODIN transmission to the Automated Services Center (ASC), Kansas City, MO. At the same time, scheduled reports are prepared for distribution to reporting units and commands served by the regional SDPI.

The SDPI change-data magnetic tapes are processed at the ASC, Kansas City to update the central master file. The central master file contains the MMS computer records of all active duty Marines. Once a week a copy of the master file is transmitted to HQMC by airfreight. A list of the data elements contained in the master file is shown at Figure 3.

Output: Reports generated at the SDPI are for local reporting unit and command use. Reports generated at the ASC, Kansas City are for internal use. At the HQMC level there are some 250 scheduled reports (weekly, monthly, quarterly, annually) that are produced for internal use by the HQMC staff or distributed to agencies external to HQMC.

In addition to these scheduled reports there is a capability for ad hoc reports from either the duplicate master file or a special inquiry file. Ad hoc reports from the master file are normally run in a batch process with a turnaround time of 24 hours. The inquiry file contains selected data elements from the master file that have been determined by HQMC to be high volume, essential elements needed for day-to-day use in managing Marine Corps personnel. See Figure 3 for list of data elements available on the inquiry file. The inquiry file can be accessed by the Remote Entry Data Display Terminal (REDDT) system. REDDT consists of remotely located terminals within HQMC offices that have an on-line access capability with the inquiry file. The terminals have both a visual display and hardcopy production capability. Through REDDT immediate or "real time" responses to ad hoc queries can be obtained. Data can be arrayed to meet special information requirements beyond those available in scheduled reports. Data can be requested regarding an individual Marine's record or may be arrayed to examine characteristics of specific Marine Corps population segments. As an example of this latter condition, data may be retrieved by military strengths, demographic/military status profiles, and type/number of dependents. These data may be further stratified by unit, program element number (PEN), geographical location, etc.

Subsidiary files provide a capability for gathering historical data for use in trend analyses in breakouts similar to the above.

Examples of recurring reports are shown at Figures 4 and 5. An example of an ad hoc report from REDDT is shown at Figure 6.

INTERFACES: Joint Uniform Military Pay System (JUMPS)
Force Status and Identity Report (FORSTAT)

USER: HQMC, all levels of command.

INPUT SOURCE: HQMC, Recruit Depots, reporting units (company, battery, and squadron)

METHOD FOR ACCESSING: System may be accessed by letter request to system manager for complex or high-volume requirements. Urgent or one-time special requests may be made by telephone to the system contact point. Current system configuration does not permit on-line query by external agencies. Marine Corps policy does not authorize file extracts unless approved by the Commandant of the Marine Corps (D/CS Manpower).

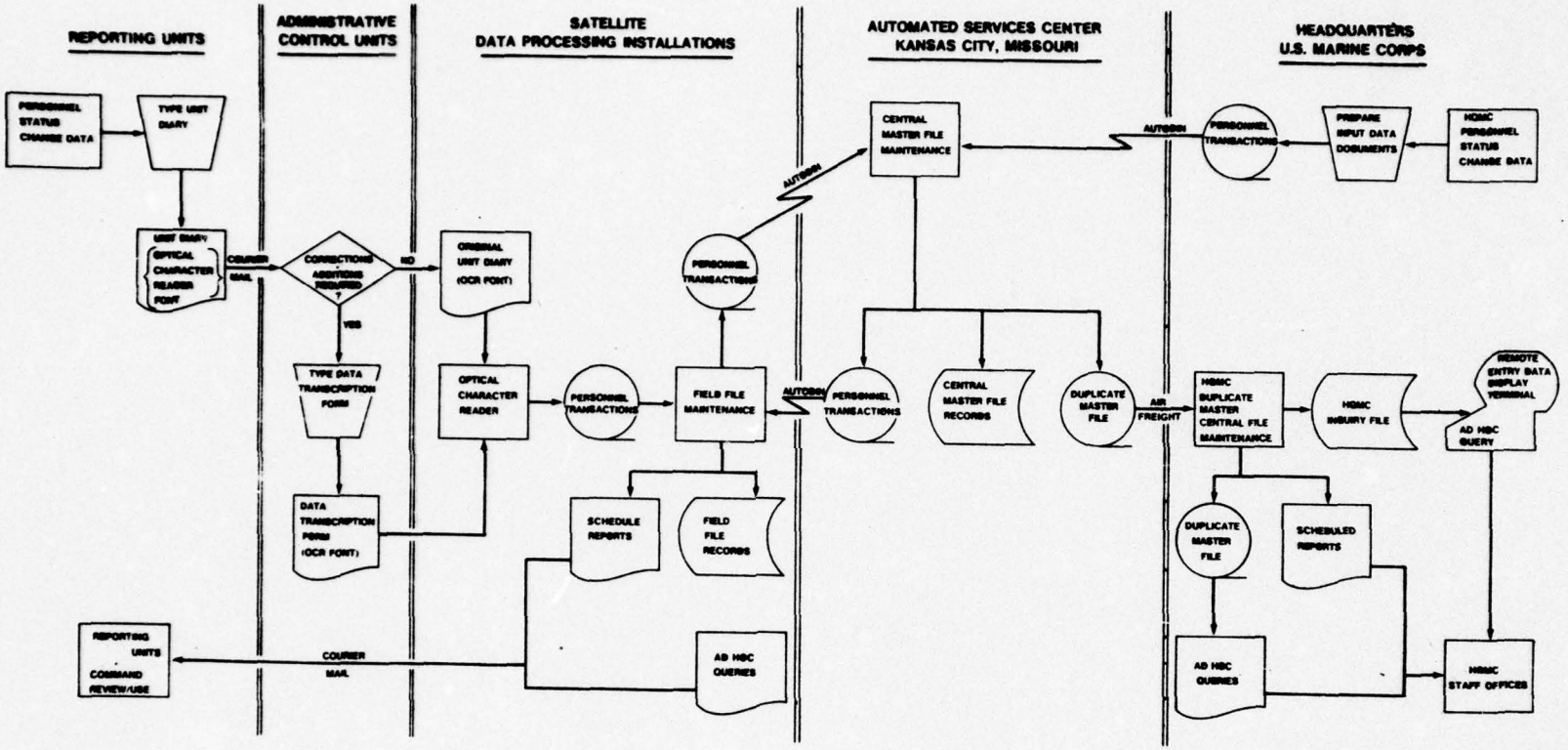


Figure 1. MANPOWER MANAGEMENT SYSTEM (MMS) GENERAL SYSTEM FLOW

UNIT DIARY
NAVMC 10703 (12-68)

HEADQUARTERS AND SERVICE COMPANY, 1ST ANTITANK BATTALION, 1ST MARDIV, FMF CAMP PENDLETON, CA 92055

ALIGNMENT LINE XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

R.U. CODE 4-9	DIARY NO. 9-11	DIARY DATE 12-17	
012 11511	111-74	741115	002

LAST NAME	INITIALS 18-19	IDENTIFICATION NO. 20-29	REMARKS 30-80
SPENCER	DS	043345678	741021 TR 0800 DU|HIST:TR 1ST SP BN|
ARCHER	HF	579456789	741021 DROP TO FMCR RE 2A|741021 LV 59.0 DAS LSL SETT|HIST:AUTH MCO P1900.16 PAR 9007|
END OF PAGE			

BY CERTIFIED COPY HEREOF THE DISBURSING OFFICER IS AUTHORIZED AND DIRECTED TO ADJUST, AS INDICATED, THE RECORDS OF TH: INDIVIDUALS LISTED ABOVE.

Figure 2. Example of a Unit Diary.

DATA ELEMENT NAME	DESCRIPTION
ACTIVE NAVAL SERVICE BASE DATE	A constructive date computed from active service performed in the Navy and Marine Corps as modified by time lost or periods not creditable as naval service.
AERONAUTICALLY DESIGNATED CATEGORIES	Describes the attainment of age and years designated as NA and NFO.
AFQT OR AQT SCORE	AFQT administered at time of initial enlistment/induction; AQT administered dependent on score attained on AFQT. For Women Marines the AFWS is recorded in this field.
AQB SCORES ENLISTED ONLY	A battery of tests given to certain applicants who enlisted under a quarantee program. Also administered to certain applicants because of the score they attained on the AFQT.
*ARMED FORCES ACTIVE DUTY BASE DATE	A constructive date computed from active service performed in any branch of the Armed Forces as modified by time lost or periods not creditable as active federal service.
BASIC ALLOWANCE FOR QUARTERS	Type of entitlement and the reason.
BASIC ALLOWANCE FOR SUBSISTENCE	Entitlement and the reason. Always ZERO for officers.
*CAREERIST FLAG	Indicates an individual is beyond the lst enlistment.
*CATEGORY (COMPONENT/CLASS)	Identifies an individual as Regular, Reserve, Retired, or member of Other Services.
*CITIZENSHIP	Indicates whether an individual is a US citizen, naturalized (and country of origin) or an alien.
*CIVILIAN EDUCATION	Indicates the highest level of creditable schooling attained by the individual. Major subject is included if attended college or trade, business, specialized or vocational school.

Note: *Data elements available for on-line retrieval at HQMC using the Remote Entry Data Display Terminal (REDDT) System.

Figure 3. MMS Data Elements

DATA ELEMENT NAME	DESCRIPTION
*CLASSIFICATION TEST	A battery of 11 tests given initially, and a battery of 8 tests given on retest for all enlisted personnel. From these data is derived the computed GT/GCT score.
*COMBAT SERVICE	Denotes participation in combat and in which theater and/or war.
COMMAND DPI CODE	A data processing installation having computer capability to provide JUMPS payroll-related services to reporting units located off the SDPI's base.
COMPUTED GCT	The GCT score is derived from the average of the VE/AR/PA tests of the AA test battery.
CONTRACT EXTENSION DATA	Number of extension, length of extension in months; termination date and effective date.
*CONTRACT LEGAL AGREEMENT	Type of contract or legal agreement under which the officer is serving, such as LDO, SWAG, Reserve Program etc.
*CURRENT SOURCE OF ENTRY CODE	Denotes previous Armed Service status or affiliation and the means by which a member entered the Marine Corps.
*DATE ARRIVED U.S. DEPENDENTS NOT RESTRICTED	Date an individual returns from an overseas assignment where dependents were authorized.
*DATE ARRIVED U.S. DEPENDENTS RESTRICTED	Date an individual returns from an overseas assignment where dependents were not authorized.
*DATE CURRENT TOUR BEGAN	Denotes the date the individual commences the current tour at the present MCC.
*DATE DETACHED LAST COMMAND	Denotes the date an individual served in an unaccompanied status in a combat area.

Note: *Data elements available for on-line retrieval at HQMC using the remote Entry Data Display Terminal (REDDT) System.

Figure 3. MMS Data Elements

DATA ELEMENT NAME	DESCRIPTION

*DATE LAST TOUR COMBAT
Indicates when an individual served in an unaccompanied status in a combat area.

*DATE OF BIRTH - (DOB)
Self explanatory.

DATE OF ENLISTMENT/ACCEPTANCE
The date current enlistment contract or induction was effected, or officer acceptance was signed.

DATE OF ORIGINAL ENTRY ARMED FORCES
Date of initial entry into any branch of the Armed Forces. Never modified.

DAYS LOST CURRENT CONTRACT
Accumulated number of days lost current enlistment or extension thereof.

*DEPENDENTS INFORMATION
Contains the relationship, date of birth and location of dependents. Total of 14 may be listed.

DEPLOYMENT STATUS
Not used.

*DUTY LIMITATION
Limitations imposed by law, policy and/or physical limitations such as Conscientious Objector; Sole Survivors, Physical Remedial, etc.

*DUTY STATUS
Contains the Strength Category, PAP, Duty Status, Casualty Status, and Type Current Duty information.

ELECTRONIC DATA PROCESSING TEST SCORE
Contains the score attained on the test.

*ESTIMATED DATE OF ARRIVAL
Estimated date the member is due to arrive at the next MCC.

*ESTIMATED DATE OF DEPARTURE
Estimated date the member is due to depart from the current MCC.

Note: *Data elements available for on-line retrieval at HQMC using the Remote Entry Data Display Terminal (REDDT) System.

Figure 3. MMS Data Elements

DATA ELEMENT NAME	DESCRIPTION
*ETST ENLISTED ONLY	A test given to certain members based upon the results of the AA Test.
EX-POW	Indicates whether a member was ever classified as a prisoner-of-war and the geographic area in which held.
*EXPIRATION OF ACTIVE SERVICE - (EAS)	Reflects the contractual active service, as adjusted as a result of an extension of enlistment, periods of time lost, etc., which is in effect.
EXPIRATION OF OBLIGATED SERVICE - (EOS)	Contains the year, month and date of termination of the obligation under the terms of the Military Service Act (MSS).
*FORMER UNIT IDENTIFICATION	Indicates the RUC/MCC SDPI from which the individual was transferred.
*FUTURE UNIT IDENTIFICATION	Consists of the intermediate MCC, intermediate SDPI code, final MCC and final SDPI Code.
GMST RESULTS	Not utilized.
GRADE FOR WHICH SELECTED	The grade for which member has been selected for promotion.
*HOME OF RECORD	The county and state code or geopolitical code (if other than U.S.), which identifies the member's declared home of record at time of entry into the Marine Corps.
HOSTILE FIRE PAY	Describes the award and type duty entitling member to Hostile Fire Pay.
INCENTIVE PAY	Contains the identity of incentive pay for hazardous duty, such as demolition duty, flying duty, stress duty, parachute jumping duty, etc., which the individual is drawing.

Note: *Data elements available for on-line retrieval at HQMC using the Remote Entry Data Display Terminal (REDDT) System.

Figure 3. MMS Data Elements

DATA ELEMENT NAME	DESCRIPTION
*INDIVIDUAL LOCATION	Contains the 3-digit county and 2-digit state/country code of member's current location. If location is in foreign country the county code will be 3 zeros.
*INITIALS	Contains Marine's initials in sequence of: last, first and middle.
LANGUAGE APTITUDE TEST	Contains the test score achieved in the language aptitude test.
LANGUAGE APTITUDE TEST DATE	Contains the date the member was tested for language aptitude, i.e., year, month and date.
LANGUAGE PROFICIENCY	Means of evaluation and date of evaluation is maintained for the two most proficient languages. Additionally contains a code to indicate further (more) language qualifications.
*LAST OVERSEAS TOUR FMF	Contains the information whether the member's last overseas tour was FMF/non-FMF.
LAST PROCESSING CYCLE AUTHORITY	Contains the computer assigned transaction code and date of authority to change a record status indicating a member is separated, in transit, awaiting INIT joint, etc.
LEAVE STATUS	(Reserved for future use)
LENGTH OF ACTIVE SERVICE	Length of time expressed in months a member is serving on active duty.
*LENGTH OF CURRENT ENLISTMENT	Length of time expressed in years for which a member enlists, is inducted or reenlisted.
*MEMBER ID	Conains the social security number as the member's personnel identifier.

Note: *Data elements available for on-line retrieval at HQMC using the Remote Entry Data Display Terminal (REDDT) System.

Figure 3. MMS Data Elements

DATA ELEMENT NAME	DESCRIPTION
*MOS'S	Contains the billet MOS and the member's primary, 1st and 2d additional (if any) MOS's.
*NAME	Contains the information in the following sequence: last name and suffix; first name and middle initial.
*PAY ENTRY BASE DATE	The basic date used to determine when a member is entitled to increased basic pay.
PAYMENT INFORMATION	JUMPS oriented data regarding an individual's pay record It is a summary record.
*PERMANENT GRADE AND DATE OF RANK	A grade code and date of permanent grade.
*PREFERENCE FOR DUTY	Contains the 3 choices of next assignment indicated on fitness reports of individuals on whom fitness reports are submitted. Corporals and below may indicate preference for duty by unit diary entry.
*PRESENT GRADE	Grade; date of rank and effective date of promotion to this grade.
*PRESENT UNIT IDENTIFICATION	Consists of MCC, RUC and SDPI codes of the members' present unit.
PREVIOUS GRADE AND DATE OF RANK (HQMC USE ONLY)	Contains a grade code; previous date of rank and how grade was obtained, i.e., temporary, statutory, permanent.
PRIOR KEY	Contains the members previous ID numbers and initials.
PROFICIENCY PAY	Contains a code denoting the type of award, rate of award and the MOS for which awarded.

Note: *Data elements available for on-line retrieval at HQMC using the Remote Entry Data Display Terminal (REDDT) System.

Figure 3. MMS Data Elements

DATA ELEMENT NAME	DESCRIPTION
*PROGRAM ELEMENT NUMBER (PEN)	Contains the PEN for the billet line number to which assigned.
PROGRAM ENLISTED FOR	Indicates the type duty the individual enlisted for i.e., Aviation, Band, Ground etc. for enlisted only. Officer's record contains zeros.
PROJECTED DUTY STATUS (QUOTA TRANSFER ORDERS)	The Quota Serial the individual is assigned; julian date and consecutive numbering of quotas; the final MCC, whether chargeable and the Basic Syllabus Training quota information.
*RACE	Contains the identity of a member's race.
*RELIGION	Denotes the member's religious preference.
*ROTATION TOUR DATE	Year, month and day an individual is scheduled to return to CONUS from overseas.
SEA OR FOREIGN DUTY	Contains a code to indicate entitlement to Sea or Foreign Duty Pay, or the suspension of the entitlement.
*SECURITY INVESTIGATION	Denotes the type of investigation conducted; level of security authorized and date the investigation was completed.
*SERVICE SCHOOLS	Cotains up to a maximum of 8 formal schools or courses which are identified by a service school code which have been completed by the member.
*SEX	Contains the identity of a member's sex.

Note: *Data elements available for on-line retrieval at HQMC using the Remote Entry Data Display Terminal (REDDT) System.

Figure 3. MMS Data Elements

DATA ELEMENT NAME	DESCRIPTION
SPECIAL PAY	Contains the identity of CMC; SgtMaj of the Marine Corps and officers with 4 years active enlisted service. Also denotes members drawing Diving Duty Pay.
STUDY GROUP FLAG	A code in the record designating personnel selected for various studies or special projects by HQMC.
TEMPORARY REPORTING UNIT CODE	Denotes the RUC of a member that is "attached" by unit while on TAD.
TIME LOST	The accumulated number of days lost in current enlistment or extension of enlistment which may affect PEBD EAS EOS and rotation tour date.
FAP UC	The reporting unit code of the unit to which the Marine is assigned for FAP.
FAP MCC	The monitored command code of the command to which the Marine is assigned for FAP.
SPOUSE	Contains a code to denote the branch of service in which an active duty Marine's wife is serving on active duty and/or a code of "C" to identify a married Woman Marine.

Note: *Data Elements available for on-line retrieval at HQMC using the Remote Entry Data Display Terminal (REDDTS) System.

Figure 3. MMS Data Elements

30 SEP 1975

RANK TABULATION BY YEARS SERVICE FOR PAY
ENLISTED (LESS ACTIVE DUTY TRAINEES)

HQ-1080-47

YRS SERV	PAY GROUP	TOTAL BY YRS SERV	E9 YS	E9 PG	E8 YS	E8 PG	E7 YS	E7 PG	E6 YS	E6 PG	E5 YS	E5 PG	E4 YS	E4 PG	E3 YS	E3 PG	E2 YS	E2 PG	E1 YS	E1 PG
0	- 4 MOS	8078							6	6	9	9	3	3	12	12	864	864	7184	7184
0	- 2 YRS	33741				1			21	34	205	299	40	3132	1820	22374	17850	31646	13805	18035
1		41780			1				13		94		3092		20554		13796		4230	
2	+ 2 YRS	27749					5	5	8	8	2182	2182	12205	12205	8429	8429	2780	4589	2140	3349
3	+ 3 YRS	19390					12	12	10	10	8262	8262	6703	6703	2466	2466	1076		861	
4	+ 4YRS	7073					5	13	68	1212	5311	8582	899	1287	394	1393	227		169	
5		5211					8		1144		3271		388		211		125		64	
6	+ 6 YRS	5262					11	65	2042	4351	1958	3532	494	1257	439		259		59	
7		4674					54		2309		1574		446		205		60		26	
8	+ 8 YRS	3174			4	5	62	269	1705	3411	1099	1904	183		76		28		17	
9		2862			1		207		1706		805		82		37		19		5	
10	+10 YRS	1474			2	6	211	589	952	1783	259	368	23		19		7		1	
11		1346			4		378		831		109		15		4		4		1	
12	+12 YRS	1022		1	9	15	365	901	578	1086	58	116	6		2		2		2	
13		1117	1		6		536		508		58		5						3	
14	+14 YRS	1272			40	128	780	1963	420	943	28	126	1		2		1			
15		1828			88		1183		523		31				2				1	
16	+16 YRS	1455	2	10	148	402	990	1856	299	519	12		1		2		1			
17		1359	8		254		866		220		11									
18	+18 YRS	1450	7	29	338	784	823	1754	269	757	13									
19		1681	22		446		931		264		17		1							
20	+20 YRS	1100	60	169	438	927	504	913	92		6									
21		1073	109		489		409		61		5									
22	+22 YRS	797	163	569	370	732	225	395	36		3									
23		510	160		220		108		22											
24		235	118		92		40		5											
25		202	128		50		22		2											
26	+26 YRS	150	85	512	47	114	15	40	3											
27		185	139		34		10		2											
28		100	87		8		5													
29		107	90		12		4		1											
30+		130	111		13		6													
UNKNOWN																				
TOTAL		177607	1290		3114		8775		14120		25380		24587		34674		37099		28568	
MEAN		4.0	25.2		20.4		16.5		9.8		4.9		3.0		2.0		1.2		.9	

Figure 4. Example of Recurring Reports from MMS

U.S. MARINE CORPS
MARITAL AND DEPENDENCY STATUS OF ENLISTED ON ACTIVE DUTY

	TOTAL	E9	E8	E7	E6	E5	E4	E3	E2	E1
DEPENDENCY STATUS										
NUMBER										
GRAND TOTAL	177607	1290	3114	8775	14120	25380	24587	34674	37099	28568
WITHOUT DEPENDENTS	109094	81	206	605	1789	9282	15502	26110	30511	25008
WITH DEPENDENTS	63798	1209	2908	8170	12319	15748	8403	7391	5092	2558
ONE DEPENDENT	26438	130	262	840	2655	6750	4996	5032	3806	1967
TWO DEPENDENTS	16103	196	368	1315	3537	5084	2361	1794	1003	445
THREE DEPENDENTS	11761	292	763	2598	3698	2795	821	447	234	113
FOUR DEPENDENTS	5309	274	734	1757	1472	767	160	89	32	24
FIVE OR MORE DEPENDENTS	4187	317	781	1660	957	352	65	29	17	9
DEPENDENCY STATUS UNKNOWN	4715				12	350	682	1173	1496	1002
PERCENT DISTRIBUTION										
GRAND TOTAL	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
WITHOUT DEPENDENTS	63.10	6.28	6.62	6.89	12.68	37.08	64.85	77.94	85.70	90.72
WITH DEPENDENTS	36.90	93.72	93.38	93.11	87.32	62.92	35.15	22.06	14.30	9.28
ONE DEPENDENT	15.29	10.08	8.41	9.57	18.82	26.97	20.90	15.02	10.69	7.14
TWO DEPENDENTS	9.31	15.19	11.82	14.99	25.07	20.31	9.88	5.36	2.82	1.61
THREE DEPENDENTS	6.80	22.64	24.50	29.61	26.21	11.17	3.43	1.33	.66	.41
FOUR DEPENDENTS	3.07	21.24	23.57	20.02	10.43	3.06	.67	.27	.09	.09
FIVE OR MORE DEPENDENTS	2.42	24.57	25.08	18.92	6.78	1.41	.27	.09	.05	.03
MARITAL STATUS										
MARRIED	60571	1146	2770	7703	11735	15076	8009	6998	4775	2359
NOT MARRIED	112321	144	344	1072	2373	9954	15896	26503	30828	25207
UNKNOWN	4715				12	350	682	1173	1496	1002
PERCENT DISTRIBUTION	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
MARRIED	35.03	88.84	88.95	87.78	83.18	60.23	33.50	20.89	13.41	8.56
NOT MARRIED	64.97	11.16	11.05	12.22	16.82	39.77	66.50	79.11	86.59	91.44
NUMBER/TYPE KNOWN DEPENDENTS	139332	4422	10845	27889	32148	30305	13166	10483	6733	3341
SPOUSE	60571	1146	2770	7703	11735	15076	8009	6998	4775	2359
CHILDREN	78275	3257	8050	20124	20342	15124	5088	3408	1918	964
PARENTS	486	19	25	62	71	105	69	77	40	18
AVERAGE NUMBER DEPENDENTS PER SPONSOR	2.18	3.66	3.73	3.41	2.61	1.92	1.57	1.42	1.32	1.31

Figure 5. Example of Recurring Reports from MMS

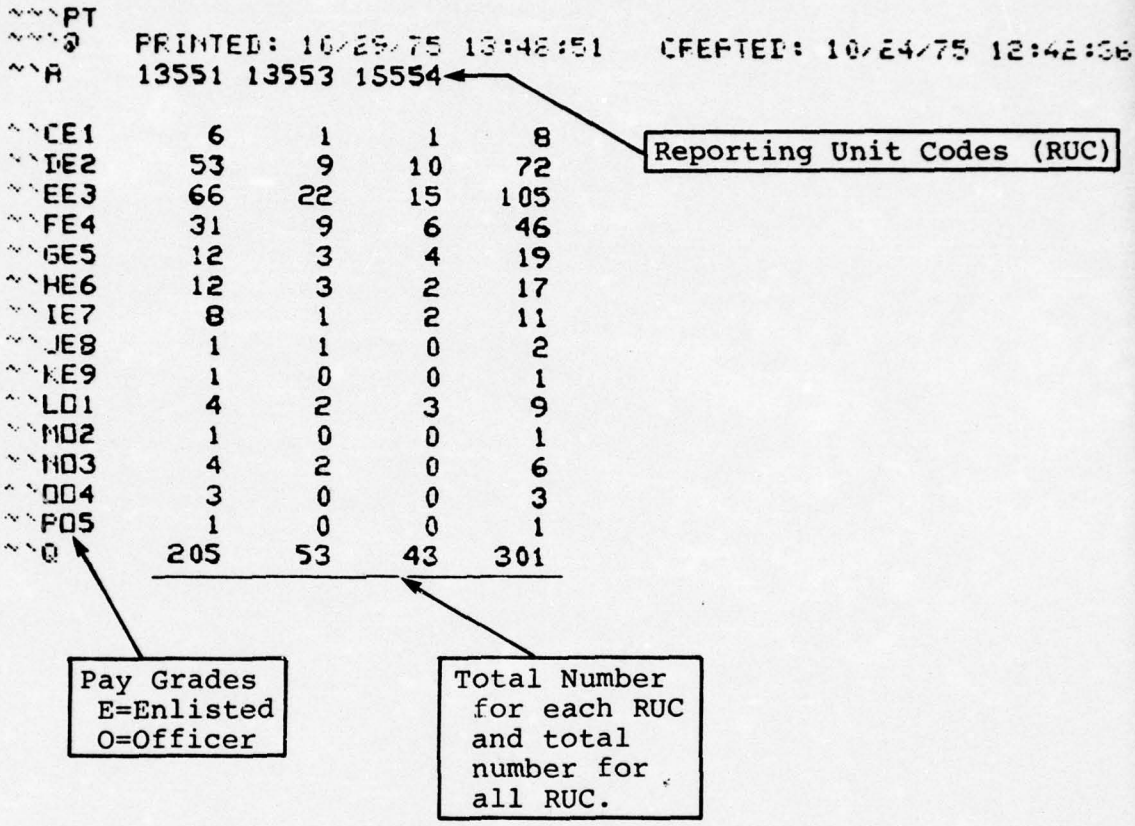


Figure 6. Example of Remote Entry Data Display Terminal (REDDT) Report from MMS

MARINE CORPS SYSTEM DESCRIPTION

SYSTEM TITLE: Reserve Personnel Management Information System ACRONYM: REPMIS

DOD ADPS/ADS/IDENTIFIER CODE: M001/M709/Not listed.

REFERENCES: Personnel Reporting Instructions Manual, MCO P1080.35

PARENT SYSTEM: None

MANAGER: Director of Marine Corps Reserve
Headquarters, U.S. Marine Corps
Washington, D.C.
Telephone: 694-1161

CONTACT POINT: Reserve Automated Systems Management Branch
Marine Corps Reserve Division
Headquarters, U.S. Marine Corps
Telephone: 694-1846

SUBJECT/FUNCTIONS: Personnel-Military Reserve/Accounting

SYSTEM CHARACTERISTICS:

General: The system maintains the personnel records of Ready, Standby, and Fleet Marine Corps Reservists. The master file consists of a complete record for each Reservist containing data reflecting reserve status, partial history of active duty status, demographic characteristics, and mobilization assignments. The general system flow is presented schematically in Figure 1.

Input: The individual computer record for each Reservist is initially established in REPMIS by transfering data from the Manpower Management System (MMS) when the Reservist leaves active service. Once the record is established in REPMIS, the basic source document for updating the record is the unit diary. The unit diary is an optical character recognition (OCR) form that is prepared by each reporting unit, e.g., Inspector-Instructor Staff for ground units and commanding officers of Marine Air Reserve Training units for aviation units, using a special OCR font typewriter. There are approximately 1600 special format statements used on the unit diary that describe personnel-status changes. A sample of a completed unit diary is shown in Figure 2. Unit diaries are prepared and submitted during Reserve drill periods and annual training duty. Unit diaries are submitted to the Commanding Officer, Reserve Forces Administrative Activity (RFAA), Kansas City, Missouri. The RFAA reviews unit diaries for obvious errors or omissions prior to processing on the optical character reader. Errors or omissions are corrected by typing the correct data on a data transcription form using an OCR font typewriter. Unit diaries and data transcript form that are ready

for OCR processing are submitted to the Automated Services Center, Kansas City, Missouri, which is collocated with the RFAA.

Processing: Unit diaries received by the ASC are processed through the optical character reader where the typed data is electronically transcribed to magnetic tape for computer processing. Change data is processed by the ACS computer to update affected records on the central master file. Once a month, a copy of the master file is sent to HQMC by air freight. A list of the relevant data elements contained in the master file is shown in Figure 3.

Output: During the master file update at the ASC, monthly reports are generated for internal use by District Directors and reporting units. At the HQMC level monthly recurring reports are produced from the duplicate tape. These reports are furnished to the Assistant Secretary of Defense for Reserve Affairs for inclusion in the Department of Defense publication "Official Reserve Component Manpower Strengths and Statistics." In addition to the recurring reports, REPMIS at the HQMC level has a special program able ad hoc data retrieval capability. Data may be retrieved to reflect strengths, demographic/military status profiles, and number of dependents. These data may be further stratified by current reserve unit, mobilization assigned units, and geographical location. Examples of recurring reports are shown in Figures 4 and 5.

INTERFACES: Manpower Management System (MMS)
Table of Manpower Requirements (TMR)

USER: HQMC, Reserve District Directors, reserve units, ASD (RA).

INPUT SOURCE: HQMC, reserve units

METHOD FOR ACCESSING: System may be accessed by letter request to system manager for complex or high volume requirements. Urgent or ad hoc requests may be made by telephone to the system contact point. Data available monthly and quarterly in ASD(RA) "Official Reserve Component Manpower Strengths and Statistics." Current system configuration does not permit online query by external agencies. Marine Corps policy does not authorized file extracts unless approved by the Commandant of the Marine Corps (Director of Marine Corps Reserve).

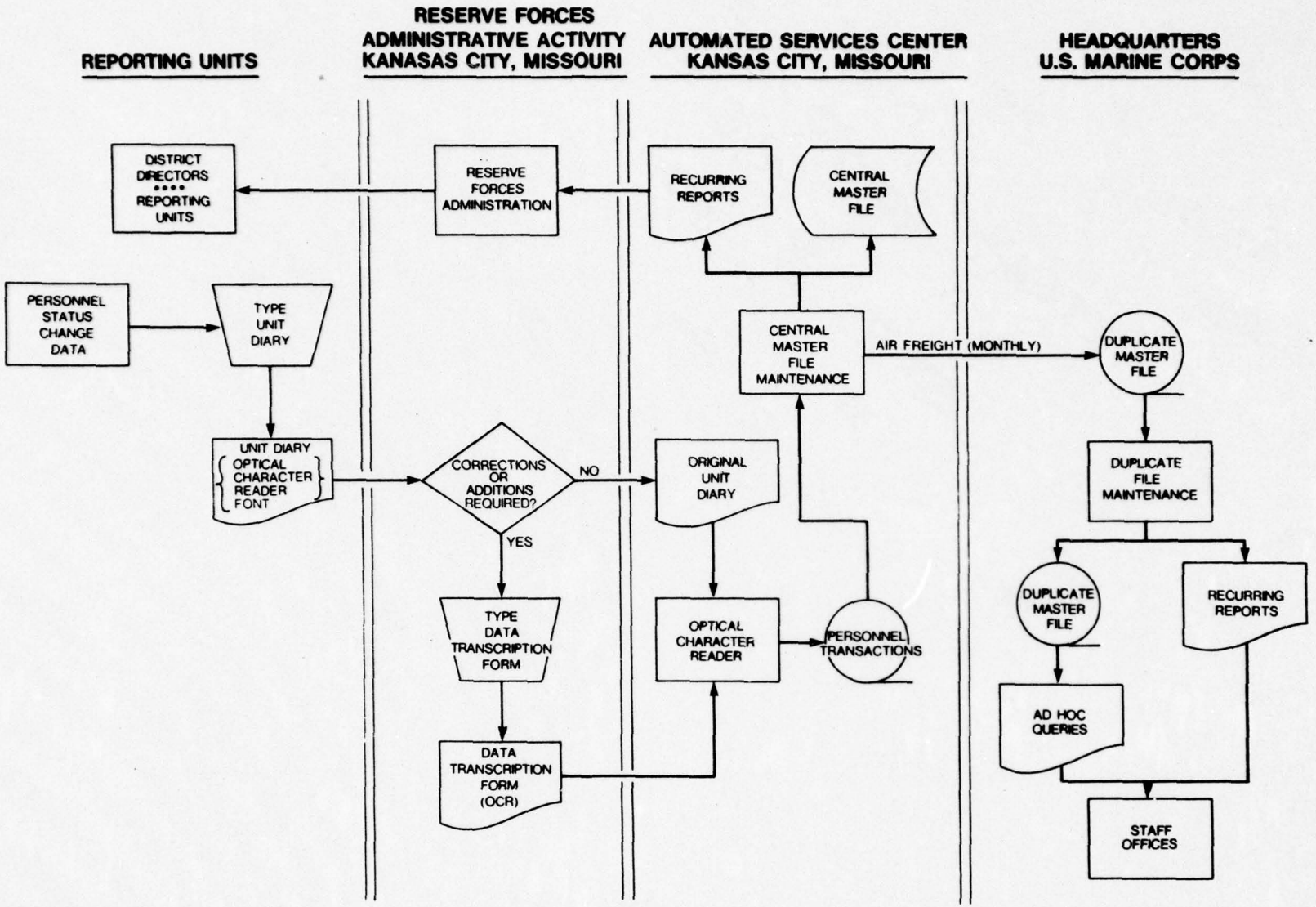


Figure 1. Reserve Personnel Management Information System (REPMIS) General System Flow

UNIT DIARY
NAVMC 10703 (12-68)

REPORTING UNIT TITLE
HEADQUARTERS AND SERVICE COMPANY, 1ST ANTITANK BATTALION, 1ST MARDIV, FMF CAMP PENDLETON, CA 92055

ALIGNMENT LINE XXXX

DATA ELEMENT NAME	DESCRIPTION

ADDRESS
Contains street, city, state, and zip code address of the Reservist's residence.

CATEGORY (COMPONENT/CLASS)
Identifies an individual as Ready, Standby, or Fleet Marine Corps Reservist.

CITIZENSHIP
Indicates whether an individual is a US citizen, naturalized (and country of origin) or an alien.

CIVILIAN EDUCATION
Indicates the highest level of creditable schooling attained by the individual. Major subject is included if attended college or trade, business, specialized or vocational school.

CIVILIAN MOS
Contains an MOS related to civilian occupation as described in MCO 1001R.14.

CLASSIFICATION TEST
A battery of 11 tests given initially, and a battery of 8 tests given on retest for all enlisted personnel. From this data is derived the computer GT/GCT score.

COMBAT SERVICE
Denotes participation in combat and in which theater and/or war.

CONTRACT EXTENSION DATA
Number of extension, length of extension in months; termination date and effective date.

CURRENT SOURCE OF ENTRY CODE
Denotes previous Armed Service status or affiliation and the means by which a member entered the Marine Corps.

DATE ARRIVED U.S. DEPENDENTS RESTRICTED
Date an individual returns from an overseas assignment where dependents were not authorized.

DATE OF BIRTH - (DOB)
Self explanatory.

DATE OF ENLISTMENT/ACCEPTANCE
The date current enlistment contract or induction was effected, or officer acceptance was signed.

Figure 3. REPMIS Data Elements

DATA ELEMENT NAME	DESCRIPTION

DATE OF ORIGINAL ENTRY ARMED FORCES
Date of initial entry into any branch of the Armed Forces. Never modified.

DATE SELECTED FOR PROMOTION
Date Reservist was selected for promotion to the next higher grade.

DEPENDENTS INFORMATION
Contains the marital status (single or married) and the total number of dependents.

DUTY LIMITATION
Limitations imposed by law, policy and/or physical limitations such as Conscientious Objector; Sole Survivors, Physical Remedial, etc.

ELECTRONIC DATA PROCESSING TEST SCORE
Contains the score attained on the test.

ETST ENLISTED ONLY
A test given to certain members based upon the results of the AA Test.

EXPIRATION OF CURRENT SERVICE - (ECS)
Reflects the contractual Reserve service, as adjusted as a result of an extension of enlistment, periods of time lost, etc., which is in effect.

EXPIRATION OF OBLIGATED SERVICE - (EOS)
Contains the year, month and date of termination of the obligation under the terms of the Military Service Act (MSS).

FORMER UNIT IDENTIFICATION
Indicates the RUC/MCC SDPI from which the individual was transferred.

GRADE FOR WHICH SELECTED
The grade for which member has been selected for promotion.

HOME OF RECORD
The county and state code or geopolitical code (if other than U.S.), which identifies the member's declared home of record at time of entry into the Marine Corps.

INITIALS
Contains Marine's initials in sequence of: last, first and middle.

Figure 3. REPMIS Data Elements

DATA ELEMENT NAME	DESCRIPTION

LANGUAGE APTITUDE TEST
Contains the test score achieved in the language aptitude test.

LANGUAGE APTITUDE TEST DATE
Contains the date the member was tested for language aptitude, i.e., year, month and date.

LANGUAGE PROFICIENCY
Means of evaluation and date of evaluation is maintained for the two most proficient languages. Additionally contains a code to indicate further (more) language qualifications.

MEMBER ID
Contains the social security number as the member's personnel identifier.

MOBILIZATION ASSIGNMENT
Indicates unit and billet to which Reservist is assigned in time of mobilization.

MOS'S
Contains the billet MOS and the member's primary, 1st and 2nd additional (if any) MOS's.

NAME
Contains the information in the following sequence: last name and suffix; first name and middle initial.

PAY ENTRY BASE DATE
The basic date used to determine when a member is entitled to increased basic pay.

PRESENT GRADE
Grade; date of rank and effective date of promotion to this grade.

RACE
Contains the identity of a member's race.

RELIGION
Denotes the member's religious preference.

RESERVE DISTRICT
Identifies the Marine Corps Reserve District to which the Reservist is assigned.

Figure 3. REPMIS Data Elements

DATA ELEMENT NAME	DESCRIPTION
SECURITY INVESTIGATION	Denotes the type of investigation conducted; level of security authorized and date the investigation was completed.
SEX	Contains the identity of a member's sex.

Figure 3. REPMIS Data Elements

REPORT SYMBOL MC24 UNIT STRENGTH AND REENLISTMENT REPORT PAGE 3

FOR DISTRICT 04

RUC	UNIT TITLE AND LOCATION			AUTH OFF OFF	AUTH OFF STR	AUTH ENL ENL	AUTH ENL STR	AT EADT	TCPS P	SEL RES	TCPS L	PRIOR SERV	PCT P S	MOS REEN.	REENL EKP	REENL PCT	RATE PCT
14004	COMM CO (-) HQ BN (-) 4TH MAR DIV	CINCINNATI	OH	12	6	279	134	13	1	154	4	25	19%				
14005	SERV CO (-) HQ BN (-) 4TH MAR DIV FMF	NEW CASTLE	PA	16	11	162	145	12		168	6	24	17%				
14223	CO E 2ND BN 25TH MAR 4TH MAR DIV FMF	FOLSOM	PA	5	5	196	96	13		114	8	16	17%				
14226	CO H 2ND BN 25TH MAR 4TH MAR DIV FMF	HARRISBURG	PA	5	5	195	99	8		112	11	27	27%				
14231	H&S CO (-) 3RD BN 25TH MAR 4TH MAR DIV	CLEVELAND	OH	19	18	294	222	27	3	270	8	39	18%		1	3%	
14233	CO I 3RD BN 25TH MAR 4TH MAR DIV FMF	WHEELING	WV	5	5	195	87	10	1	103	6	15	15%				
14234	CO K 3RD BN 25TH MAR 4TH MAR DIV FMF	AKRON	OH	5	6	196	100	10		116		13	11%				
14235	CO L 3RD BN 25TH MAR 4TH MAR DIV FMF	PITTSBURG	PA	5	7	193	185	3		195	2	35	19%	1	1	100%	
14236	CO M 3RD BN 25TH MAR 4TH MAR DIV FMF	COLUMBUS	OH	5	7	196	116	11		134	2	23	17%				
14331	HQ BTRY 3RD BN 14TH MAR 4TH MAR DIV	PHILADELPHIA	PA	15	15	152	125	18		158	4	37	33%				
14333	BTRY G 3RD BN 14TH MAR 4TH MARDIV	W TRENTON	NJ	8	8	118	71	10		89	4	19	27%				
14334	BTRY H 3RD BN 14TH MAR 4TH MAR DIV FMF	RICHMOND	VA	8	9	115	129	10	1	149	3	42	33%				
14335	BTRY I 3RD BN 14TH MAR 4TH MAR DIV FMF	READING	PA	8	9	117	86	10		105	5	31	35%				
14401	H&S CO 4TH ENGR BN 4TH MAR DIV FMF	BALTIMORE	MD	10	14	84	96	31		141	16	39	40%		1	3%	
14403	CO A 4TH ENGR BN 4TH MAR DIV FMF	S CHARLESTON	WV	4	4	122	108	21		133	12	25	23%		1	3%	
14404	CO B (REIN) 4TH ENGR BN 4TH MAR DIV	ROANOKE	VA	4	5	123	114	11	2	132	3	25	22%				
14405	CO C (REIN) 4TH ENGR BN 4TH MAR DIV	LYNCHBURG	VA	4	4	123	77	15	6	102	3	20	25%				
14407	ENGR SPT CO 4TH ENGR BN 4TH MAR DIV	BALTIMORE	MD	7	5	237	148			153		42	28%	1	2	50%	
14661	H&S CO (-) 4TH SERV BN 4TH MAR DIV FMF	FREEMANSBURG	PA	17	15	157	105	16		136	1	34	32%				
14662	TRUCK CO (-) 4TH SERV BN 4TH MAR DIV	ERIE	PA	2	3	58	87	10	1	101	3	25	29%				
14663	SUP CO (-) 4TH SERV BN 4TH MAR DIV FMF	WASHINGTON	DC	9	9	232	138	17		166	2	44	32%				
20193	4TH CIVIL AFFAIRS GROUP	WASHINGTON	DC	25	24	70	59	2		85		32	54%				
21403	CO A 8TH TK BN FORTRPS FMF	LOUISVILLE	KY	4	5	96	90	10		105	1	20	22%				
21834	CO C (-) 4TH AMTRAC BN FORTRPS FMF	NORFOLK	VA	5	6	208	123	17	2	148	1	48	39%				
28113	CO B 6TH MT BN FORTRPS FMF	DAYTON	OH	3	6	72	112	12		130	19	25	23%				

Figure 4. Example of REPMIS Recurring Report

U.S. MARINE CORPS RESERVES
DEPENDENCY STATUS

ENLISTED SELECTED RESERVES BY RANK
AS OF 28 FEBRUARY 1975

DEPENDENTS	TOTAL	E-9	E-8	E-7	E-6	E-5	E-4	E-3	E-2	E-1	UNKNOWN
PAY GROUP A											
UNKNOWN											
	209			6	18	44	44	33	30	29	64
SUB****** TOTAL	209			6	18	44	44	33	30	29	64
SINGLE											
S00	10960	10	17	48	227	1455	2522	2265	2411	1905	2
S01	429	1	7	9	22	69	113	77	75	59	
S02	95	2	5	12	8	19	19	13	14	6	1
S03	45	1	19	11	1	3	2	2	5	1	
S04	20	2	6	8	1	2		1			
S05	5		1	3			1				
S07	1					1					
SUB****** TOTAL	11555	16	55	91	259	1549	2756	2355	2505	1971	3
MARRIED											
M01	6827	22	52	74	257	1387	2316	1175	396	136	3
M02	5038	9	72	102	324	1485	1915	777	282	72	2
M03	2623	40	128	226	374	792	684	275	79	25	1
M04	883	29	89	155	131	224	159	66	19	10	2
M05	278	13	51	71	39	51	34	15	2	1	
M06	108	9	22	37	17	14	6	3			
M07	42	5	10	12	6	4	2	2	1		
M08	18	4	1	6	1	4	2				
M09	7		4	2	1						
M10	1					1					
M11	1			1							
SUB****** TOTAL	15826	131	429	686	1150	4452	5318	2314	779	244	8
PAYGROUP TOTAL	27590	147	484	783	1437	6055	8416	6699	3314	2244	75
PAY GROUP F											
UNKNOWN											
	12					2		1	2	7	5
SUB****** TOTAL	12					2		1	2	7	5
SINGLE											
S00	2477						3	22	107	2345	5
S01	40					1		1	1	37	1
SUB****** TOTAL	2517					1	3	23	108	2382	6

Figure 5. Example of REPMIS Recurring Report.

MARINE CORPS SYSTEM DESCRIPTION

SYSTEM TITLE: Retired Pay/Personnel System ACRONYM: None

DOD ADPS/ADS/IDENTIFIER CODE: M001/M701/MC70350000

REFERENCES: None.

PARENT SYSTEM: None.

MANAGER: Fiscal Director of the Marine Corps
Headquarters, U.S. Marine Corps
Washington, D. C.
Telephone: 694-2590

CONTACT POINT: Disbursing Branch (FDD)
Fiscal Division
Headquarters, U.S. Marine Corps
Telephone: 694-4981

SUBJECT/FUNCTIONS: Personnel-Military/Paying

SYSTEM CHARACTERISTICS:

General: The system maintains a pay record for each retired member, Fleet Marine Corps reservist, and annuitant. The master file contains data necessary to compute retired or retainer pay and for the distribution of pay checks to the members. The general system information flow is presented schematically in Figure 1. The schematic presents only the information flow and does not include the flow of disbursement such as member pay checks and income tax payments to the Internal Revenue Service (IRS).

Input: The initial record on members is opened when a Marine retires or joins the Fleet Marine Corps Reserve. The necessary forms are prepared by a Marine's Command and forwarded to HQMC for closing his active record and opening his retired record. The forms are submitted, by HQMC, to the Retired Pay Section, Marine Corps Finance Center (MCFC), Kansas City, Missouri. Changes are made to this initial record by the retired member through the submission of letter type correspondence and/or appropriate government forms such as the Employee Withholding Allowance Certificate (IRS Form W-4) for changing tax exemptions. It is the retired members responsibility to ensure that changes to his status, which affect his eligibility for retired pay, are submitted to the Retired Pay Section, MCFC, Kansas City, Missouri.

Processing: Source documents on retired members are reviewed and audited by the Retired Pay Section, MCFC. Data from these source documents are transcribed to computer data

entry code sheets. The code sheets are then submitted to the Automated Services Center (ASC), Kansas City, Missouri which is collocated with the MCFC, Kansas City, Missouri. The ASC key enters the data from the coding sheets to either create the initial record or to update the initial record already contained on the Retired Master File. Key entry currently utilizes key punched cards as the medium for entering data into the system. Sometime in calendar year 1976, the master file will be updated directly through a remote job entry terminal. The relevant data elements contained in the Retired Master File are listed in Figure 2.

Output: Semi-annually a duplicate copy of the Retired Master File is sent by air freight to HQMC. Using this file, ad hoc reports are prepared as required by the HQMC staff. This file may be accessed to retrieve selected information on the retired population such as number, age, and geographical location. This file contains "aged" data, therefore, if more current data is needed by the HQMC staff, it may be requested by telephone and/or mail on an ad hoc basis, from the Retired Master File maintained by the ASC, Kansas City, Missouri. Annually, a duplicate of the Retired Master File is furnished to the Office of the Assistant Secretary of Defense for Manpower and Reserve Affairs (OASD/M&RA). This file is used by OASD/M&RA to compile internal-use DOD statistical and budgetary reports. An example of an ad hoc Marine Corps report is shown in Figure 3.

INTERFACES: JUMPS/MMS

USER: HQMC and DOD

INPUT SOURCES: HQMC and individual members.

METHOD OF ACCESS: The Marine Corps portion of the system may be accessed by letter request to the system manager for complex or high volume requirements. Urgent or one-time ad hoc requests may be made by telephone to the system contact point. The system configuration does not permit online access of the data base by agencies external to the MCFC and ASC, Kansas City, Missouri. Marine Corps policy does not authorize file extracts unless approved by the Commandant of the Marine Corps (Fiscal Director). Access of information from, or to be placed on the distribution list for DOD produced reports may be obtained by telephone from or written request to the Actuary, Deputy Assistant Secretary (Military Personnel Policy), OASD/M&RA, telephone 697-9470.

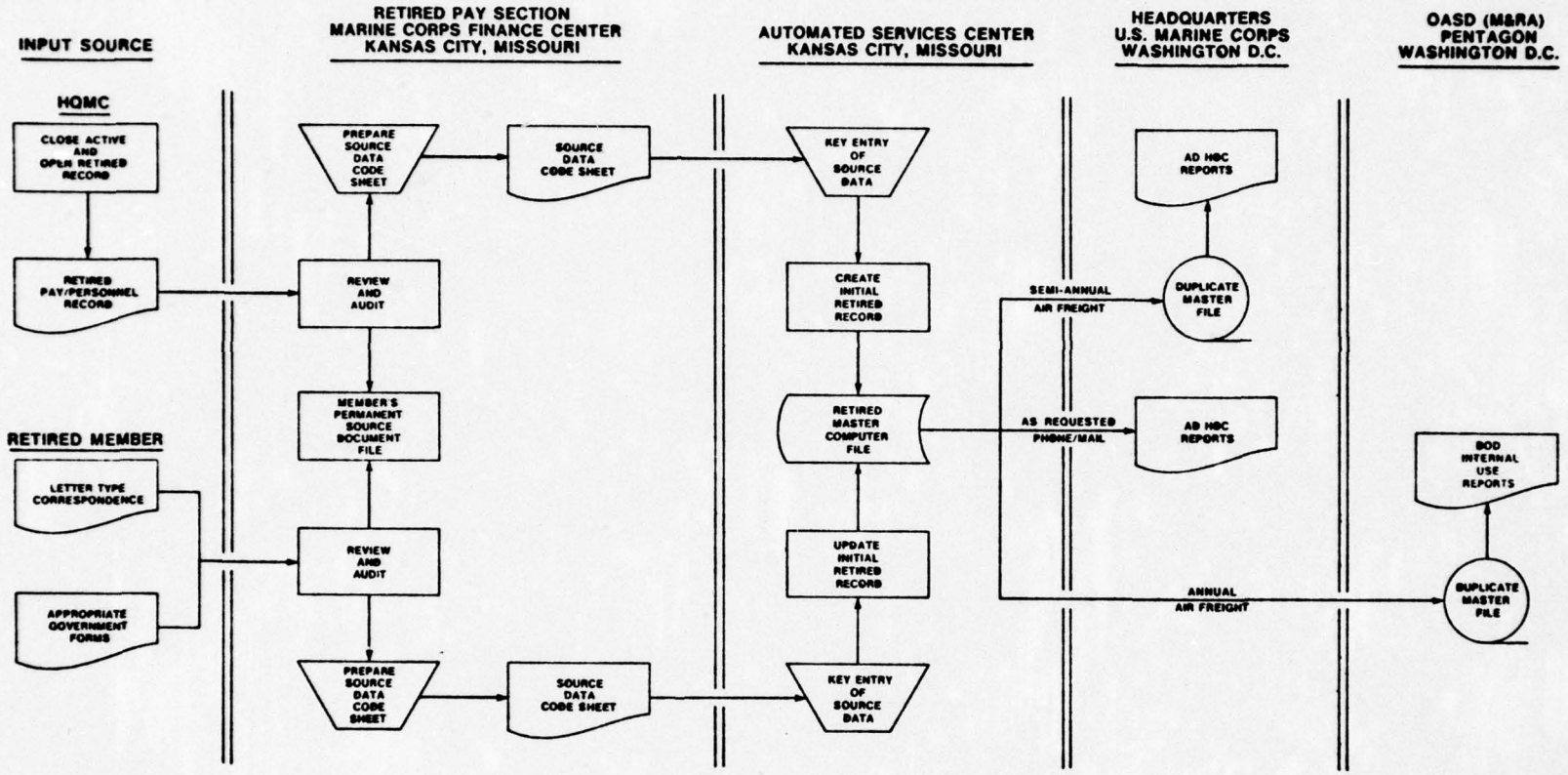


Figure 1. Retired Pay/Personnel System Information Flow

DATA ELEMENT NAME	DESCRIPTION

RETIRED/RETAINER DATE
The date the member retired or joined the Fleet Marine Corps Reserve.

SSN
The member's social security account number.

MEMBERS NAME
The member's last name, first name, and middle initial.

PAY ENTRY BASE DATE
The member's pay entry base date.

SERVICE FOR PAY
The member's total service for pay purposes.

ACTIVE SERVICE
The member's total active Federal service.

GRADE CODE
This is a one character grade classification code to identify the member as one of the following: 'G" - General, 'O' - Officer, 'W' - Warrant, or 'E' - Enlisted.

RACE CODE
Codes for Race are: 'C' - Caucasian, 'N' - Negroid, 'X' - Other, or 'Z' - Unknown.

SEX CODE
Valid Codes are: 'M' - Male, 'F' - Female, or 'Z' - Unknown.

DISABILITY PERCENT
The percent of disability the member was awarded.

PAY TABLE CODE
Indicates pay bill used to compute the member's Gross Pay.

RETIREMENT LAWS
The primary law from Title 10 USC under which the member is authorized to retire or join the FMCR.

Secondary Retirement Law
Contains the retirement law from Title 10 U.S. Code for a disability retiree (Primary Retirement Law 1201, 1202, 1204, 1205) that has served his time in the Armed Forces of the United States and is otherwise (without the disability entitled to retire.

Figure 2. Retired Pay/Personnel System Data Elements

DATA ELEMENT NAME	DESCRIPTION
GRADE	The pay grade and date of rank for which the member is entitled to receive retired/retainer pay.
BIRTHDATES - (YR-MO-DA)	The member's date of birth, spouse's date of birth, and youngest child's date of birth.
RSFPP DATA	The option and percentage elected for Retired Serviceman's Family Protection Plan.
RESERVE RETIREMENT CREDIT POINTS	The member's total retirement credit points in case of a member retiring from the reserve establishment.
WITHHOLDING TAX DATA	The number of exemptions the member is claiming for Federal Income Withholding Tax.
GROSS PAY	The salary used for gross pay computation.
LEDUCTIONS FOR INDIVIDUAL LAWS	
Pension Act of 1932 (Dual Compensation 32)	The amount of the deduction to be withheld from a member's pay who falls under the provisions of the Dual Compensation Act that was promulgated by Congress in 1932 and subsequently amended.
Pension Act of 1944 (VA Waiver)	The amount of the deduction to be withheld from the member's pay who falls under the provisions of the Veterans Administration Waiver Act enacted by Congress in 1944.
Pension Act of 1946 (VA Hospital)	The amount of the deduction to be withheld from the member's pay who falls under the provisions of the Veterans Administration Hospital Act enacted by Congress in 1946.
Pension Act of 1964 (Dual Compensation 64)	The amount of the deduction to be withheld from the member's pay who falls under the provisions of the Dual Compensation Act enacted by Congress in 1964.

Figure 2. Retired Pay/Personnel System Data Elements

DATA ELEMENT NAME	DESCRIPTION
RETIRED SERVICEMAN'S FAMILY PROTECTION PLAN	The member's amount of premium to be withheld monthly, and the amount to be paid, also on a monthly basis, to the beneficiaries in the event of the member's death.
NET PAY	The net amount to be paid a member.
HOME MAILING ADDRESS	The member's home address including Zip code and geo-political code which includes city code, county code, and the state/country code.
PRIMARY MOS	The members primary MOS when retired.
DISTRICTS	The Naval and Marine Corps districts in which the member resides.
VA DIAGNOSTIC CODES	The reason the member is receiving VA disability.
DOD DIAGNOSTIC CODES	The reason the member was retired for disability.
NEAREST HOSPITAL	The name and location of the nearest military hospital.

Figure 2. Retired Pay/Personnel System Data Elements

USMC RETIRED POPULATION BY STATE (AS OF 28 FEB 75)

ALABAMA	00825
ALASAKA	00054
ARIZONA	01098
ARKANSAS	00577
CALIFORNIA	17011
COLORADO	00704
CONNECTICUT	00579
DELAWARE	00111
WASH D.C.	00444
FLORIDA	04262
GEORGIA	01946
HAWAII	00504
IDAHO	00227
ILLINOIS	01542
INDIANA	00921
IOWA	00372
KANSAS	00392
KENTUCKY	00563
LOUISIANA	00840
MAINE	00365
MARYLAND	01281
MASSACHUSETTS	01263
MICHIGAN	01208
MINNESOTA	00582
MISSISSIPPI	00532
MISSOURI	02309
MONTANA	00169
NEBRASKA	00215
NEVADA	00386
NEW HAMPSHIRE	00319
NEW JERSEY	01381
NEW MEXICO	00323
NEW YORK	02334
NORTH CAROLINA	04617
NORTH DAKOTA	00049
OHIO	01800
OKLAHOMA	00682
OREGON	00831
PENNSYLVANIA	02511
RHODE ISLAND	00217
SOUTH CAROLINA	01649
SOUTH DAKOTA	00075
TENNESSEE	01248
TEXAS	03042
UTAH	00199
VERMONT	00093
VIRGINIA	03871
WASHINGTON	01162
WEST VIRGINIA	00446
WISCONSIN	00652
WYOMING	00069
PUERTO RICO	00131
CANAL ZONE	00045

Figure 3. Example of Retired Pay/Personnel System Ad Hoc Reports

MARINE CORPS SYSTEM DESCRIPTION

SYSTEM TITLE: Table of Manpower Requirements ACRONYM: TMR

DOD/ADPS/ADS/IDENTIFIER CODE: Not listed.

REFERENCES: Manpower Control Utilization Manual, MCO P5310.6A

PARENT SYSTEM: None.

MANAGER: Deputy Chief of Staff for Manpower
Headquarters, U.S. Marine Corps
Washington, D. C.
Telephone: 694-8003

CONTACT POINT: Manpower Control Branch (MPC)
Manpower Plans and Policy Division
Headquarters, U.S. Marine Corps
Telephone: 694-5611

SYSTEM CHARACTERISTIC:

General: The T/MR system provides the automated means for depicting the billet structure requirements of the Marine Corps. For Fleet Marine Force (FMF) organizations it considers billet requirements as a function of war time mission. For non-FMF organizations it relates billets to personnel authorizations as approved in the Five Year Defense Plan (FYDP). A general system flow is presented in Figure 1.

Input: T/MR's, commonly referred to as Tables of Organization (T/O), are established and published by Headquarters, U.S. Marine Corps (HQMC). Modifications to the T/O may be initiated by field organizations or the HQMC staff based on mission changes, new doctrinal concepts, or special studies. Requests for modifications are submitted to the appropriate T/O sponsor at HQMC for review and approval actions. These requests are usually in narrative form and contain all information necessary to justify the modification of the T/O. If approved, the modifications are forwarded to the system contact point for entry into and update of the T/MR files. T/MR data are placed on specially designed optical character recognition (OCR) forms for computer processing. All OCR form preparation and processing is accomplished at HQMC.

Processing: The T/MR system is operated by the Data Processing Branch, Information System Support Division, HQMC. OCR formats received from the system contact point are processed through the optical character reader for transfer to magnetic tape for computer processing. The T/MR change data are then

merged with the existing master files for producing an updated master file. This master file update occurs monthly and incorporates changes up to the time of the update process. The data elements contained in the master file which are considered relevant to BUMED usage, are described in Figure 2.

Output: There are twenty-three recurring reports produced as a result of the monthly update process. The majority of the reports are oriented to management of the T/MR system. Those with possible application for BUMED use are listed below:

- T/MR Checklists - Billet Line Detail and Grade/MOS Recap. (Figure 3)
- Requirements Information Process (RIP) Report - A summary by T/MR Number of 100% authorized Marine/Navy officers and enlisted, and U.S. civilians.
- Program Element Number Strengths by Fiscal Guidance Category.

In addition to the recurring reports the T/MR system has an ad hoc capability that allows users to easily and quickly specify parameters, data elements, or output formats. For example, if a motional force composition is given, T/MR has the capability of providing strengths by type of unit within the force by grade and MOS. Or as shown in Figure 4, the specific types of billet requirement, in this case, Navy billets by type of unit.

INTERFACES: Force Status and Identify Report (FORSTAT). MAGTF Lift Requirements and Logistics Planning Factors Model.

USER: HQMC; all levels of command.

INPUT SOURCES: Field Organizations and HQMC staff agencies.

METHOD OF ACCESSING: System may be accessed by letter request to system manager for complex or high-volume requirements. Urgent or ad hoc requests may be made by telephone to the system contact point. Current system configuration does not permit online query by external agencies. Marine Corps policy does not authorize file extracts unless approved by the Commandant of the Marine Corps (D/CS Manpower).

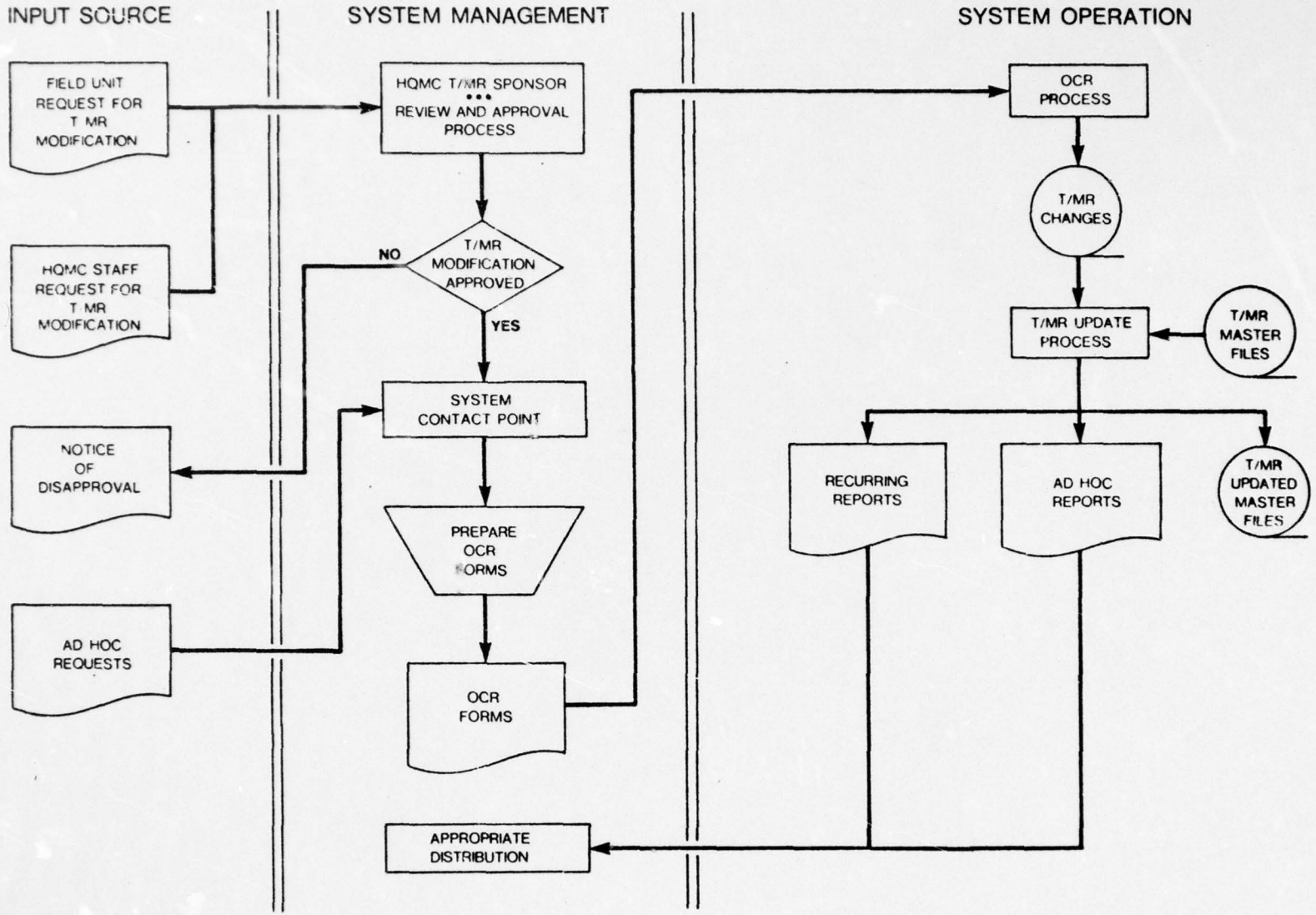


Figure 1. Table of Manpower Requirements (T/MR) Process

DATA ELEMENT NAME	DESCRIPTION

ACTIVITY ADDRESS CODE
A code identifying an organization for the purposes of printing and publication distribution.

ALPHA GRADE CODE
MMS Grade Abbreviation for military billets and standard designation for civilian billets

BILLET DESCRIPTION
English Description of a billet line.

BILLET SPONSOR
The HQMC staff agency having cognizance (if any) over a particular billet line.

BILLET STATUS
An indicator designating a type of "non-chargeable" status of a billet line.

BRANCH
Code representing service component or civilian citizenship.

DESIGNATOR CODE
A table designated System Generated Code that ties combinations of Branch, Type, and Billet Status Code to English descriptions of the various officer, enlisted and civilian categories within the overall categories of Chargeable, Fleet Assistance/Contingency and Supplementary.

EDUCATION CODE
Code used to represent education requirements of a billet line by major subject. Used in conjunction with a qualifier code.

FOREIGN LANGUAGE CODE
A code indentifying a foreign language requirement of a billet line. Used in conjunction with a Qualifier Code.

GEOGRAPHIC LOCATION (G/L)
A code that identifies a foreign country, major water area or state within the United States.

MAJOR PROGRAM MEMORANDUM CODE
Code which identifies the categories in the "Manpower Summary by Location and Mission" format. (Previously known as Draft Presidential Memorandum Code (DPM).)

Figure 2. T/MR Data Elements

DATA ELEMENT NAME	DESCRIPTION

MANNING FACTOR
Number authorized for a billet line at the appropriate percentage levels of manning.

MANNING MULTIPLES
An integer number indicating the number of times a subsection within a section, or a section within a T/MR is authorized for a level of manning.

MONITORED COMMAND CODE
Code assigned for identification and control purposes to each command, unit, activity, or individual billet to which assignment of personnel is controlled by Headquarters, U. S. Marine Corps.

MILITARY OCCUPATIONAL SPECIALITY (MOS) CODE
Personnel skill designation applicable to the billet line. When used to indicate an additional MOS requirement to a billet line, it is shown in conjunction with a Qualifier Code.

MOS/GRADE MATRIX
An MOS summarization by Branch, Type, Billet Status and Grade categories.

ORGANIZATION DESCRIPTION
The name or title of a Table of Manpower Requirements.

ORGANIZATION TYPE
A code designating the possible combination of Base/Higher Level T/MR; Aggregate/Billet Line Detail T/MR; and Structure/Planning T/MR.

PAY GRADE CODE
A code relating to the pay grade, civilian or military, as appropriate.

PERSONNEL ALLOCATION PLAN CODE
A code identifying billets to a functional category.

PROGRAM ELEMENT NUMBER
A code identifying subcategories within major programs of the Five Year Defense Program.

QUALIFIER CODE
A code indicating the nessity/desirability of one of several billet requirement codes. Used in conjunction with additional MOSs, Education Codes, Foreign Language Codes, and Service Schools Codes.

Figure 2. T/MR Data Elements

DATA ELEMENT NAME	DESCRIPTION

REPORTING UNIT CODE
A Code identifying a command, activity, or sub-unit for personnel accounting purposes.

RESPONSIBILITY CENTER NUMBER
An informal code assigned by FDMC (code AS1) indicating command relationship with the corresponding Responsibility Center and Expense Operating Budget allocation.

SECTION DESCRIPTION
An English description of a section subordinate to the major organization of a T/MR.

SERVICE SCHOOL
A code identifying a service school requirement for the incumbent(s) of a billet line. It is used in conjunction with a Qualifier Code.

SPECIAL PROGRAM FLAG
A flag ("1") indicating that a Special Education Program Code (SEP) applies to the billet line.

SUBSECTION DESCRIPTION
The English title of a subsection within a section within the major organization of a T/MR.

TABLE OF EQUIPMENT (T/E) NUMBER
A number that identifies a Table of Equipment analogous to a Table of Manpower Requirements.

T/MR LINE NUMBER
A code used to identify a specific line within a Table of Manpower Requirements Line number will contain four digits and possibly an alpha suffix.

T/MR NUMBER
A number uniquely identifying a Table of Manpower Requirements. It consists of 4 numeric digits and possibly an alpha suffix.

TYPE
A code identifying a Naval Aviator, Naval Flight Officer, Aviation Ground Officer, Other Officer (including Warrant Officer), Enlisted, or Graded/ Ungraded/Excepted Civilian.

Figure 2. T/MR Data Elements

DATA ELEMENT NAME	DESCRIPTION
UNIT IDENTIFICATION CODE (UIC)	A code assigned to all Marine Corps organizations, Regular and Reserve for reporting purposes within the National Military Command System (includes MARES/ FORSTAT and MARFAS).
UNIT TITLE	An English title of a unit unique record; whereas unit unique is defined as a singular combination of: MCC, RUC, PSMCC, PEN, RCN, UIC, MPM, and Geo. Loc.
WEAPON CODE	A code identifying the individual weapon authorized for a specific billet line.

Figure 2. T/MR Data Elements

T/O 7650 FLD MED SVC SCHOOL MCB CAMPEN

T/E NO 7650 T/MRCA

LINE NO.	ENGLISH DESCRIPTION	BILL SPON	ALPHA GRADE	MOS	F T N	B R N	T Y P	S T A	MARINES OFF	MARINES ENL	OTHER SERVICES OFF	OTHER SERVICES ENL	CONT F/A OFF	CONT F/A ENL	CIV	P A P	W P N	EDU	S E P	S C	LNG	SERV SCH	T/MRCA	EFF DATE	ADD DEL
1	*SCHOOL HEADQUARTERS																								
2	*HEADQUARTERS SECTION																								
3	* COMMANDING OFFICER		CAPT	2300	N	O					1														
4	* EXECUTIVE OFFICER		CDR	2300	N	O					1														
5	* CHIEF MASTER AT ARMS		HMCM	0000	N	E						1													
6	* BARRACKS MASTER AT ARMS		HM1	8404	N	E						1													
7	*TRAINING SECTION																								
8	* TRAINING OFFICER/INSTR		LT	2300	N	O					1														
9	* TRNG CHIEF/INSTR		HMCS	0000	N	E						1													
10	* TRNG CLERK		HM1	8424	N	E						1													
11	*ADMINISTRATIVE SECTION																								
12	* ADMIN OFF		LTJG	2300	N	O					1														
13	* ADMIN CHIEF		HMCS	0000	N	E						1													
14	* DIARY AND RECORDS CLERK		HM1	8424	N	E						1													
15	* CLERK TYPIST		HM2	8404	N	E						3													
18	*SUPPLY SECTION																								
19	* UNIT PROPERTY OFFICER		LT	0302	M	O		X	1								-								
20	* SUPPLY ADMIN CHIEF		SSGT	3043	M	E				1						J	P								
21	* INFANTRY WEAPON REPAIRMA		CPL	2111	M	E				1						J	M								
22	* GENERAL WAREHOUSEMAN		CPL	3051	M	E				1						J	M								
	SECTION TOTAL																								
	MARINE									3															
	NAVY										4	9													
23	*MILITARY TRAINING PLATOON																								
24	* PLT COMMANDER/INSTR		LT	0302	M	O			1							J	P								
25	* PLT SERGEANT/INSTR		GYSGT	0369	M	E				1						J	P								
26	* INSTRUCTOR		SSGT	0369	M	E				1						J	P								
27	* INSTRUCTOR		SGT	0311	M	E				2						J	M								
	SECTION TOTAL																								
	MARINE								1	4															
28	*MEDICAL TRAINING PLATOON																								
29	* PLT COMMANDER/INSTR		LT	2300	N	O		X			1														
30	* PLT PETTY OFFICER/INSTR		HMCS	0000	N	E						1													
31	* INSTRUCTOR		HMC	8432	N	E						1													
32	* INSTRUCTOR		HM1	8404	N	E						5													

T/O 7650 FLD MED SVC SCHOOL MCB CAMPEN

Figure 3. Example of T/MR Recurring Reports.

A01E9851 (MASTER LINE FILE LOCATER)
(T/O AND LINE NO SEQUENCE)
(WITH FOOTNOTES)

LINE NO.	ENGLISH DESCRIPTION	BILL SPON	ALPHA GRADE	MOS	FTN	BRN	TYP	STA	MARINES OFF	MARINES ENL	OTHER SERVICES OFF	OTHER SERVICES ENL	CONT F/A OFF	CONT F/A ENL	CIV	PAP	WPN	EDU	SEP	SEC	LNG	SERV SCH	T/M RQA	EFF DATE	ADD DEL
I/O 1037M H&S CO INF BN INF REGT MARDIV FMF																									
101	CHAPLAIN		LT	4100	N	O					1					V							000007		
106	BATTALION SURGEON		LT	2100	N	O					1					P							000007		
107	MEDICAL CHIEF		HMC	8404	N	E						1				P							000007		
108	BN CORPSMAN		HM1	8404	N	E						1				P							000007		
109	ENVIRON SAN TECH		HM1	8432	N	E						1				P							000007		
110	ADMIN/SUP MAN		HM1	8404	N	E						1				P							000007		
111	BN CORPSMAN		HM2	8404	N	E						2				P							000007		
112	BN CORPSMAN		HM3	8404	N	E						3				P							000007		
113	BN CORPS MAN		HN	8404	N	E						2				P							000007		
115	ASST BN SURGEON		LT	2100	N	O					1					P							000007		
116	ASST MED CHIEF		HMC	8404	N	E						1				P							000007		
117	BN CORPSMAN		HM1	8404	N	E						1				P							000007		
118	ADMIN/SUP MAN		HM1	8404	N	E						1				P							000007		
119	BN CORPSMAN		HM2	8404	N	E						2				P							000007		
200	BN CORPSMAN		HM3	8404	N	E						4				P							000007		
201	BN CORPSMAN		HN	8404	N	E						1				P							000007		
203	COMPANY CORPSMAN		HM2	8404	N	E						1				P							000007		
204	PLATOON CORPSMAN		HM3	8404	N	E						4				P							000007		
205	PLATOON CORPSMAN		HN	8404	N	E						6				P							000007		
		T/O NO	1037M								3	65													

Figure 4. Example of T/MR Ad Hoc Reports

SECTION III

PHASE 1 DOCUMENTED SYSTEMS

Introduction

This section contains the descriptions of those systems identified in Phase 1 as candidates for detailed documentation in Phase 2, but which were not selected by the Surface Medicine Division (Code 52), Bureau of Medicine and Surgery. Descriptions are arranged in alphabetical order of system titles with Navy systems appearing first followed by those of the Marine Corps.

NAVY SYSTEM DESCRIPTION

SYSTEM TITLE: Bureau of Medicine and Surgery Management Information System

ACRONYM: BUMIS

DOD ADPS/ADS/IDENTIFIER CODE: Not identified.

REFERENCES: None.

PARENT SYSTEM:

MANAGER: Bureau of Medicine and Surgery
Assistant Chief for Human Resources and Prefessional Operations
Professional Division (Code 317)
Telephone: 254-4109

CONTACT POINT: Bureau of Medicine and Surgery (Code 37)
Manpower Requirements Division
Telephone: 254-4157

SUBJECT/FUNCTIONS:

Personnel Military Officers Medical Dept./	Classifying, Categorizing, Sorting, Retrieving, and/or reporting data

SYSTEM DESCRIPTION: This is an automated personnel information system designed to serve the needs of the BUMED staff at all levels. The data may be accessed immediately from direct access storage devices. The heart of the system is an interactive retrieval/sort/report package allowing users to query the data base and receive a sequenced, formatted reply within minutes. The system contains an interactive edit/update program for on-line file maintenance. Each Medical Corps, Medical Service Corps, and Nurse Corps officer has (or will have) a data record on the system's files. Many of the data fields are updated monthly via an extract from BUPERS. Each data field on the file has it's own distinct mnemonic name which must be used to access information. BUMIS is still in the process or being developed and programmed and is a replacement system for the inadequate MEDPERS system under NAVMEDIS. The Medical Corps portion was essentially completed as of October 1975.

INTERFACES: Navy Manpower and Personnel Management Information System (MAPMIS), ADPS 100
Joint Uniform Military Pay System (JUMPS), ADPS 720

USERS: BUMED personnel managers and staff at all levels.

INPUT SOURCE: BUMED, BUPERS, Navy Finance Center, Officer Distribution and Control Report (ODCR), Officer Data Card (ODC), MAPMIS extracts.

METHOD FOR ACCESSING: In-house. The system may be accessed directly on-line from BUMED terminals.

NAVY SYSTEM DESCRIPTION

SYSTEM TITLE: CNOCOM/MIS Data Base Funding ACRONYM: None

DOD ADPS/ADS/IDENTIFIER CODE: N526/N526/N63165Q907

REFERENCES: NAVCOSSACT ADP Catalog No. 555B201A

PARENT SYSTEM: Chief of Naval Operations
Washington, D.C. 20350

CONTACT POINT: Special Assistant to the CNO/VCNO for
Decision Coordination (Op-09C)
Room 5E673, The Pentagon
Telephone: 697-0131

SUBJECT/FUNCTIONS: Accounts (Money)/Budget entries, Processing requirements thru budget cycle.

SYSTEM CHARACTERISTICS: The Funding Data Base subsystem was created because complete, accurate, and standardized funding information is needed for all proposed programs requiring a CNO/VCNO decision. All costs and manpower implications are identified, validated, and documented in order to ensure total program funding. Each program sponsor has the responsibility of providing accurate and up-to-date information to the Funding Data Base. The Funding Data Base contains about 2,000 records which represent a total funding program (funding profile sheet). For each program, cost are maintained by appropriation and fiscal year. The types of costs are Requirements and Budget (FYDP/POM), which are displayed on the reports and the difference shown as shortfalls. Comments concerning the program are carried in the data base, as well as information giving explanation of the programs, trade-offs, and reprogramming.

INTERFACES: Not indicated

USER: Principally the Special Assistant to the CNO/VCNO for Decision Coordination (Op-09C)

INPUT SOURCE: Funding program sponsors.

METHOD OF ACCESSING: Address request for data to the system's contact point.

NAVY SYSTEM DESCRIPTION

SYSTEM TITLE: CNOCOM/MIS QUIKREP Retrieval System (Phase I and II) ACRONYM: QUIKREP

DOD ADPS/ADS/IDENTIFIER CODE: N526/N526/N63165Q808

REFERENCE: NAVCOSSACT ADP Catalog Nos. 554B106 and 106A

PARENT SYSTEM: Chief of Naval Operations Command/Management Information System

MANAGER: Deputy Chief of Naval Operations (Plans, Policy, and Operations)
Washington, D.C. 20350
Telephone 695-4684 (Op-06A)

CONTACT POINT: Fleet Operations Readiness and Navy Command Support Center Division (Op-64)
DCNO (Plans, Policy, and Operations)
Telephone 697-6033

SUBJECT/FUNCTIONS: Military operations/Command and control, Materiel, ships, aircraft, units identify locations, retrieve, and report data.

SYSTEM CHARACTERISTICS: The QUIKREP Retrieval System was developed to provide an on-line remote terminal query and update capability for the Chief of Naval Operations Fleet Readiness, Liaison and Command Information Support Division (CNO Op-64). Status of Forces information is available for retrieval from an integrated data base comprised of information from the Casualty Reporting System (CASREP), Employment Schedule System (EMPSKD), Movement Reporting System (MOVEREP), Joint Chiefs of Staff Force Status System (FORSTAT), and Ships Planning System. The Status of Forces data base is batch-updated twice each day, with current information provided from the above-mentioned systems. Retrieval specification can be made to obtain all units in a fleet, task force, or task group. Display formats for these queries are in list form and show the unit's identification, task organization, location, and readiness posture.

With the installation of the Navy WWMCCS Software Standardization (NWSS), Op-64 requested that the QUIKREP Phase I System be modified to access the NWSS data bases. The Phase II QUIKREP System provides the capability to retrieve SOF data stored in the NWSS integrated data bases, which contain more accurate and timely information than was available within the Phase I QUIKREP SOF file. Additionally, the Phase II QUIKREP System provides an on-line update capability to allow free-form entry of information received from sources other than Navy reporting systems.

INTERFACES: WWMCCS

USER: OCNO staff elements

INPUT SOURCE: See "System Characteristics"

METHOD FOR ACCESSING: Address request for data to the system's contact point.

NAVY SYSTEM DESCRIPTION

SYSTEM TITLE: Computer Aided Ship Design and Construction ACRONYM CASDAC

DOD ADPS/ADS/IDENTIFIER CODE: N900/NB81/N00024B001

PARENT SYSTEM: Naval Sea Systems Command Support System

MANAGER: Naval Sea Systems Command Headquarters (Code 095B)
Director, Management Information and Data Systems Division
National Center #3
Arlington, Virginia 20362
Telephone: 692-1575

CONTACT POINT: Naval Ship Engineering Center (Code 6102C)
Ship Systems Engineering and Design Department
Center Building #2
Prince Georges Plaza
Hyattsville, Maryland 20782
Telephone: 436-1449

SUBJECT/FUNCTIONS:

Materiel, Major Ships/	Acquiring Determining Requirements, Researching, Developing, Testing, and Evaluating
Environment/	Researching, Developing, Testing, and Evaluating
Data Systems/	Determining Requirements

SYSTEM CHARACTERISTICS: CASDAC is only partially implemented, areas are still in development, and other areas are only conceptual. Full implementation is scheduled for 1985. Its development objectives are to prove the feasibility of using computers in the ship design environment and specifically, to verify that computer programs can be developed to gain significant ship capability, cost, time, and information benefits. Additionally, its purpose is to verify potential benefits of applying computing techniques to all sizes and types of naval ships for each major phase of ship acquisition, i.e., Concept Formulation, Contract Design, Detail Design, and Ship Construction. The development effort reflects the major ship design disciplines: structures, wiring, piping, heating-ventilation-air conditioning, arrangements, handling, and documenting. Preliminary findings indicate that CASDAC will provide sub-

AD-A033 950 DOT SYSTEMS INC VIENNA VA F/G 9/2
DEVELOPMENT OF AN INVENTORY OF OPERATIONAL DATA BASES. VOLUME I--ETC(U)
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stantial improvements in design and military effectiveness of Naval ships.

As yet there have been no medical applications nor implications of CASDAC, e.g., in the design and arrangement of medical spaces aboard ship. Medical spaces at this point are considered as any other space - requiring wiring, plumbing, air conditioning, etc. CASDAC at present is not really a complete data base, but rather is a design tool for the ship designers, planners, and architects to assist them in complicated mathematical calculations and geometric arrangements, e.g., hull design, determination of fairing contours, stress analysis, rigging analysis, etc.

INTERFACES: None specified.

USERS: Naval Sea Systems Command, Naval Ship Engineering Centers, private shipbuilders, Naval shipyards, naval architects and ship designers.

INPUT SOURCE: Naval architects and ship designers.

METHOD FOR ACCESSING: A considerable degree of on-line query capability exists for use by the designer.

NOTE: The CASDAC system at present has no medical aspects. Discussions with the contact point indicate that although CASDAC does not address medical spaces design, per se, there is the potential for its use. The contact point representative stated that the present inquiry was the first medical input he had received in over twenty years of ship design work.

NAVY SYSTEM DESCRIPTION

SYSTEM TITLE: DENTAL INFORMATION REPORTING SYSTEM (DENTAL REPORTING SYSTEM)

ACRONYM: "DENTAL MIS"

DOD ADPS/ADS/IDENTIFIER: Not listed. NAVMEDATASERVCEN Number 51201.

REFERENCES: Manual of the Medical Department (NAVMED P-117) Chapter 6, Section XXI.

PARENT SYSTEM: None.

MANAGER: Assistant Chief for Dentistry and
Chief, Dental Division
Bureau of Medicine and Surgery
Department of the Navy
Washington, D. C. 20390
Telephone: 254-4115

CONTACT POINT: Statistics Section, Professional Branch
Dental Division
Bureau of Medicine and Surgery
Telephone: 254-4286

SUBJECT/FUNCTIONS: Services, Medical/

- Administering (Managing) and Supporting
- Determining Requirements
- Retrieving and/or Reporting Data

SYSTEM CHARACTERISTICS: The Dental Reporting System provides management with current data to analyze the total professional clinical performance of all naval dental facilities. In addition to providing clinical profile reports, the system also provides quarterly workload data to the Dental Division, BUMED through ten scheduled reports. Data elements include: total dental officer days worked, total dental officer workdays during the reporting period, staff work days, and a stratification of the patients, sittings, and procedures grouped by service, dental facility, dependents, etc. The data base is maintained at the Naval Medical Data Services Center, Bethesda, Maryland.

INTERFACES: None.

USERS: DOD, BUMED, NAVREGMEDCEN's, individual naval dental facilities.

INPUT SOURCES: BUMED, NAVREGMEDCEN's, individual naval dental facilities.

METHOD FOR ACCESSING: The data base has no on-line access capabilities. Data and information may be obtained by submitting requests to the system contact point.

NAVY SYSTEM DESCRIPTION

SYSTEM TITLE: Inpatient Data System (Inpatient Reporting System) ACRONYM: None

DOD ADPS/ADS/IDENTIFIER CODE: N600/NK01/N65126K101 NAVMEDATASERVCEN Number 52701.

REFERENCES: BUMEDINST 6300.3 with changes I-III.

PARENT SYSTEM: Navy Medical Information System (NAVMEDIS)

MANAGER: Naval Medical Data Services Center
National Naval Medical Center
Bethesda, Maryland 20014
Telephone: 295-0592

CONTACT POINT: Medical Statustics Division
Naval Medical Data Services Center
Telephone: 295-1313

SUBJECT/FUNCTIONS: Facilities, Medical/ — Administering (Managing and Supporting

Services, Medical/ — Determining Requirements

SYSTEM CHARACTERISTICS: The inpatient system produces and maintains statistical, diagnostic, and sociological information on all inpatient cases treated in naval medical facilities and furnishes periodic reports as scheduled and special reports as requested. It accumulates accurate and timely data reflecting experienced workload and morbidity to assist in determining basic trends necessary for the funding and procurement needs of future medical treatment programs and resources. System input is via the Inpatient Admission/Disposition Record forms (NAVMED 6300 series).

INTERFACES: None.

USERS: All naval hospitals, U.S. naval hospitals, the Naval Submarine Medical Center, Naval Regional Medical Centers, Naval Medical Regional Data Centers.

INPUT SOURCES: All naval medical facilities.

METHOD FOR ACCESSING: In-house. No on-line capabilities. Reports as required may be requested from the contact point.

NAVY SYSTEM DESCRIPTION

SYSTEM TITLE: Joint Uniform Military Pay System **ACRONYM:** JUMPS

DOD ADPS/ADS/IDENTIFIER CODE: N720/N720/N00034R720

REFERENCES: Navy PAYPERSMAN NAVSO P-3050

PARENT SYSTEM: This is the parent system.

MANAGER: Comptroller of the Navy
Washington, D. C. 20350

CONTACT POINT: Office of the Comptroller
Military Pay System Division
Crystal Mall #3
Arlington, VA 20362
Telephone: 695-6406

SUBJECT/FUNCTIONS:

Personnel Military/	Paying
Services Financial/	Administering (Managing) and Supporting

SYSTEM CHARACTERISTICS:

JUMPS provides (1) centralized computation and maintenance of pay and leave accounts at the Navy Finance Center (NFC), Cleveland, (2) monthly notification of leave and pay due each member, and (3) for collecting and reporting valid, current military pay data for the Military Personnel, Navy (MP,N) Appropriation Manager. It provides the Chief of Naval Personnel with timely information on entitlements and expenditures from the (MP,N) account giving complete financial information rather than statistical samples as the basis for personnel cost estimates. The reporting activity records personnel events on Optical Character Recognition (OCR) scannable forms. JUMPS was designed to incorporate a single reporting source for pay and personnel data so that items reported to NFC or BUPERS need not be reported to the other activity. These forms when received at BUPERS or NFC, are machine readable by scanners and input directly into the computer without the transfer errors associated with manual transcription of data. Personnel data goes to BUPERS through MAPMIS and entitlements and pay data are passed directly to NFC where the Master Military Pay Account (MMPA) is maintained for each person on active duty. The MMPA is the basis:

(1) for detailed computations of amounts due which are shown on the Leave and Earning Statements (LES) sent to members and disbursing officers, and (2) for the financial reports to the MP,N managers. The interface between BUPERS and NFC is maintained by passing transactions called "Pay Tacs" out of each BUPERS update anytime a designated JUMPS pay element is changed. The Officer, Officer Candidate Accounting and Reporting System (OCARS), and Enlisted files under MAPMIS each have approximately forty of these elements. Each month, every JUMPS element for each name on the files, active or inactive, is compared to ensure that both activities have maintained the file in the same way. Based upon the events reported plus information generated by BUPERS and passed to NFC, e.g., promotions and advancements, the NFC computer determines the pay, allowances, and leave entitlements, computes the leave and pay due the individual including longevity, and furnishes this information to the member and his Command on the monthly Leave and Earnings Statement (LES). The LES is the official leave record for all personnel.

INTERFACES: Navy Manpower and Personnel Management Information System (MAPMIS), ADPS 100

USERS: Navy Finance Center, Cleveland, BUPERS, Navy Regional Finance Centers, all shore activities and operating forces.

INPUT SOURCES: BUPERS, all shore activities and operating forces.

METHOD FOR ACCESSING:

NAVY SYSTEM DESCRIPTION

SYSTEM TITLE: Medical Facilities Planning System **ACRONYM:** None

DOD ADPS/ADS/IDENTIFIER CODE: Not listed.

REFERENCES:

PARENT SYSTEM: This is the parent system.

MANAGER: Assistant Chief for Planning and Logistics (Code 4)
Bureau of Medicine and Surgery
Department of the Navy
Washington, D. C. 20390

CONTACT POINT: Bureau of Medicine and Surgery
Assistant for Logistic Support (Code 4A)
Telephone: 254-4170

SUBJECT/FUNCTIONS: Facilities, Medical/

Determining Requirements,
Retrieving and/or Reporting Data
Updating

SYSTEM DESCRIPTION: This system provides the Bureau of Medicine and Surgery medical planners with information to accomplish a heavier military construction workload engendered by a major acceleration in program funding for naval medical facilities. It consists of three subsystems: space planning for new facilities, initial outfitting of new facilities, and investment equipment inventory and budget processing.

(1) Space Program Calculator - This is an interactive space planning module designed for use by an architect using an on-line remote computer terminal. This module permits the architect to draw upon standard pre-stored definitions of spaces and planning formulae, to modify these or add new ones, and to automatically calculate answers. It provides a printout of a space program as well as a machine readable file of the planned spaces as input to the initial outfitting subsystem that will equip the spaces. The data base has eight record types that tell what departments are in a facility type, what Basic Space Units (BSU's) are in the department, certain data about the spaces, standard parameters, and what factors and planning data are necessary to calculate the spaces.

(2) Initial Outfitting System - This system consists of a catalog of approved equipment and a file designating which equipment is authorized for each BSU (room) of each new facility planned in the military construction program. These files

are combined to create a Master Outfitting File. The space records created by the Space Program Calculator are matched against the Master Outfitting File to create an Activity File showing all initial outfitting equipment, both technical and non-technical, required for that facility. The activity file and its associated paper listings are the end products of this system, however, a post-processing cycle has been developed to change or update the activity file as the construction project progresses. The catalog consists of a detailed record of supply, cost, installation data, and a free-text description of the item being described showing sources of procurement and differences between models of different manufacturers. Each item of medical or related equipment and of furniture and furnishings appears with a unique item number, and represents, as nearly as possible, the state-of-the-art in approved equipment to be used in naval medical facilities.

(3) Budget and Inventory Subsystem - This subsystem maintains files of budget and investment equipment, produces standard reports and responds to non-standard requirements through selective parameters and one-time reports. It consists of three master files: the investment equipment inventory, the file of requested investment equipment for the budget year, and for the budget-year-plus-one. These files are stored on magnetic tape since the normal updating cycle is quarterly, and are copied to disk for use as required. They are used in producing reports and in planning and funding medical and related investment equipment controlled by BUMED. Initially, cards or card transcripts are sent by the Naval Regional Medical Centers or other medical facilities to the BUMED Assistant for Logistic Support, for the purpose of reporting changes to investment equipment status or to make budget requests. Input data is processed through an edit program that performs the requisite tests to insure data validity. Valid records are passed along to the update program. Besides its normal functions, the update program can mark records for various purposes, such as to declare an item of equipment as excess, or to indicate that the justification for a budget item has has been approved. The new master file is printed, giving dollar totals at the control breaks. The allocation of funds report permits the user to make tentative increases or decreases in the allocation of funds in order to study the detailed effects of such decisions. This is a planning tool that may be used many times without affecting the master file. A special report program, which can use any of the master files, permits selection of records, sorting and totaling to provide reports that are not normally required or are of a one-time nature.

INTERFACES: None.

USER: BUMED

INPUT SOURCE: NAVREGMEDCEN

METHOD FOR ACCESSING: This is an in-house BUMED system, using computer facilities located at the NIH Computer Center. It may be accessed by remote on-line terminal facilities located in BUMED. Requests for information and printouts should be directed to the contact point.

NAVY SYSTEM DESCRIPTION

SYSTEM TITLE: Medical Manpower Management System **ACRONYM:** MEDPERS

DOD/ADPS/ADS/IDENTIFIER CODE: N600/NK01/N65126K105
NAVMEDATASERVCEN Number 30300

REFERENCES:

PARENT SYSTEM: Navy Medical Information System (NAVMEDIS)

MANAGER: Bureau of Medicine and Surgery
Department of the Navy
Washington, D. C. 20390

CONTACT POINT: Bureau of Medicine and Surgery
Manpower Requirements Division (Code 31)
Telephone: 254-4238

SUBJECT/FUNCTIONS:

Personnel	Classifying, Categorizing, Sorting
Military	Retrieving and/or
Officers	Reporting Data
Medical Dept./	

SYSTEM DESCRIPTION: The MEDPERS subsystems under NAVMEDIS is currently (October, 1975) being replaced by the Bureau of Medicine and Surgery Management Information System (BUMIS) (q.v.). The system was originally composed of three segments: Medical Corps (MEDCORP), Medical Service Corps (MEDSERVCORP), and Nurse Corps. The MEDCORP segment has essentially been incorporated into BUMIS. The file content is basically that contained on individual Officer Data Cards (ODC's). The system provides reports of dubious value on a monthly, quarterly, and annual basis to the BUMED managers of the Medical Service Corps and the Nurse Corps. The system is administered by the Naval Medical Data Services Center, (NAVMEDATASERVCEN), Bethesda.

NAVY SYSTEMS DESCRIPTION

SYSTEM TITLE: Naval Reserve Officers System **ACRONYM:** NROS

DOD ADPS/ADS/IDENTIFIER CODE: N526/N526/N63165Q648

REFERENCES: NAVCOSSACT ADP Catalog No. 553D602

PARENT SYSTEM: Chief of Naval Operations Command/Management Information System

MANAGER: Deputy Chief of Naval Operations (Air Warfare)
Washington, D. C. 20350
Telephone: 695-2575 (OP-05A)

CONTACT POINT: Coordinator of Naval Air Reserve (Op-05R)
ODCNO (Air Warfare)
Telephone: 697-3108

SUBJECT/FUNCTIONS: Personnel, Officers/Recording, Retrieving, Reporting

SYSTEM CHARACTERISTICS: The Naval Reserve Officers System (NROS) provides support to the coordinator of Navy Air Reserves (Op-05R) for maintaining and reporting senior reserve officers personnel information (Commanders and above), which may be used to select possible candidates to participate in special CNO studies and projects on the basis of their personal qualifications. The NROS master file contains all Senior Naval Reserve Officers records and a reports subsystem provides various types of reports from the master file.

INTERFACES: Not indicated

USER: Coordinator of Naval Air Reserve (Op-05R)
ODCNO (Air Warfare)

INPUT SOURCE: BUPERS

METHOD FOR ACCESSING: Address request for data to the system's contact point.

NAVY SYSTEM DESCRIPTION

SYSTEM TITLE: Navy Finance Information System **ACRONYM:** NFIS

DOD ADPS/ADS/IDENTIFIER CODE: N700/not listed/not listed

REFERENCE: SECNAVINST 7000.18 "The Integrated Financial Management System (IFMS) Project."

PARENT SYSTEM: None.

MANAGER: The Comptroller of the Navy
Washington, D. C. 20350
Telephone: 697-4840 (NCSP)

CONTACT POINT: Integrated Financial Management Systems
Branch (NCF 13)
Financial Systems Division
Assistant Comptroller for Financial
Management Systems/Navy Accounting
and Finance Center
Crystal Mall #3
Arlington, Virginia 20376
Telephone: 697-6746

SUBJECT/FUNCTIONS: Accounts(Money)/Budgeting, Costing, Reconciling.
Personnel/Paying
Services, financial/Disbursing, Retrieving, Reporting, Admin. Support

SYSTEM CHARACTERISTICS: The NFIS provides ADP support for the Office of the Comptroller of the Navy, the Navy Accounting and Finance Center, Washington, D.C., Navy Regional Finance Centers, and Navy Finance Offices. It supports military and civilian payroll functions, cost allotment and appropriation accounting, billing, disbursing, labor distribution, plant property accounting and financial reporting in Navy Finance Centers and Offices.

The NFIS is not a data system per se in itself, but a grouping of four major subsystems under one title for inclusion and coding in the DOD data systems catalog. Three of the subsystems are Uniform Financial Management (UFM) systems serving the Navy's network of finance centers and offices and the fourth subsystem is the Procurement and Accounting System (PARS). The latter subsystem performs fund accounting and reporting on 90% of the Departmental level procurement actions on major items of materiel (BUMED's procurement actions are among the 10% in exception).

INTERFACES: Two of the UFM Subsystems interface with each other.

USERS: Navy Departmental components; Fleet CINCs; various shore activities and operating forces.

INPUT SOURCE: Navy Departmental components; Fleet CINCs; various shore activities and operating forces.

METHOD OF ACCESS: Address request for data to the system's contact point.

NAVY SYSTEM DESCRIPTION

SYSTEM TITLE: Navy Medical Information System ACRONYM: NAVMEDIS

DOD ADPS/ADS/IDENTIFIER CODE: N600/NKO1-5

REFERENCES: Navy Medical Data Services Handbook, NAVMED P-5020

PARENT SYSTEM: This is the parent system.

MANAGER: Bureau of Medicine and Surgery
Department of the Navy
Washington, D. C. 20390

CONTACT POINT: Commanding Officer
Naval Medical Data Services Center
National Naval Medical Center
Bethesda, Maryland 20014
Telephone: 295-0592

SUBJECT/FUNCTIONS:		
	Facilities Medical/	Administering (Managing) and Supporting
	Services Medical/	Determining Requirements
	Personnel Military/	Determining Requirements

SYSTEM CHARACTERISTICS: NAVMEDIS includes the functions of collecting, processing, and presenting all medical and management information related to the Medical Department mission. The subsystems are designed to support local field activity requirements for managing resources and delivering quality medical care. Provision is made for central Departmental level reporting of medical, statistical, and health care management information. The applications of major interest at the Departmental level are reporting of: expense operating budget (EOB), inpatient/outpatient statistics, medical staffs, medical boards, morbidity, mortality, and preventive medicine. Each application is centrally designed for multi-activity implementation. Each of the some twenty-five Naval Medical Regional Data Centers (NMRDC's) having automated data processing equipment (ADPE) provides support to the hospital where located as well as to satellite medical activities. Primary emphasis is on local and

satellite support with by-products from local systems being provided to NAVMEDATASERVCEN, Bethesda, where Departmental level processing and reporting is accomplished. The NAVMEDATASERVCEN provides ADP support to the National Naval Medical Center (NATNAVMEDCEN), Bethesda, and its component commands, as well as processing data submitted by some 350 shore activities and 740 ships and mobile units of the operating forces for Departmental reporting. NAVMEDIS includes the following integral systems: NAVMEDIS (KO1); Laboratory Information System (LABIS) (KO2); Automated Patient Appointment System (APAS) (KO3); Automated Multiphasic Health Testing System (AMHT) (KO4); Computer Assisted Practice of Cardiology (CAPOC) (KO5). LABIS serves the NATNAVMEDCEN only at this reporting. APAS, AMHT and CAPOC are still in the conceptual stage. CAPOC has been shifted to the cognizance of the Tri-Service Medical Information Systems Program (TRIMIS).

INTERFACES: None.

USERS: SECNAV, BUMED, NATNAVMEDCEN, and the various Naval Regional Medical Centers (NAVREGMEDCEN's).

INPUT SOURCES: NAVREGMEDCEN's NATNAVMEDCEN, naval hospitals, branch dispensaries, and other ships and stations having Medical Department personnel and missions.

METHOD FOR ACCESSING: This is an in-house system. Information and reports are available from the contact point.

NAVY SYSTEM DESCRIPTION

SYSTEM TITLE: Navy Safety System **ACRONYM:** None

DOD ADPS/ADS/IDENTIFIER CODE: Not listed.

REFERENCES: OPNAVINST 5100.14 "Department of the Navy Shore Safety Program"

PARENT SYSTEM: None.

MANAGER: Commander
Naval Safety Center
Norfolk, Virginia
Telephone: Autodin-690-2622
Commerical-(804)444-2622

CONTACT POINT: Records and Data Processing Department
Naval Safety Center
Norfolk, Virginia
Telephone: Autodin-690-2151
Commerical-(804)444-2151

SUBJECT/FUNCTIONS: Safety/Records-Information Retrieval

SYSTEM CHARACTERISTICS: This system collects, reviews, and analyzes all Navy and Marine Corps aircraft, ship, submarine, and shore facility accidents, injuries, exposure, inspection, and safety reports. In addition, pertinent operational data, such as flight activity and steaming hour reports, are collected. The system provides for:

- Correlation of accident data with operational activity.
- Identification of those situations in which the potential for accident reduction is greatest.
- Production of periodic reports, statistical studies, and nonrecurring reports.

Until 1968, the system was solely an aviation safety system. In 1970, the system was expanded to cover all activities. The data base (since 1970) contains data such as type of accident (aircraft, ship, automobile, motorcycle, etc), type of injury, material damage, and circumstances surrounding the accident. The data base may contain information on evacuation or subsequent medical treatment depending on the nature of the accident. The criteria for reporting accidents related to personnel injury are:

- Military personnel - all accidental injuries where the party(s) concerned were not returned to duty within 24 hours.
- Civilian personnel - all accidental injuries where the party(s) concerned were not able to perform normal tasks on the next day.

There is an attempt to maintain accuracy in the system by monitoring message traffic related to accidents and by cross-referencing with the BUMED Inpatient Medical System (IMS). The cross-referencing with the BUMED IMS was discontinued when the IMS stopped reporting the parent unit of personnel admitted to medical facilities.

Data may be retrieved by number/type of injury, by type of organization/cause, e.g., Marine/Navy command, ship type or class, fire, explosion, etc.

INTERFACES: None

USER: Navy Department; Naval Safety Center

INPUT SOURCES: Any command suffering an accident.

METHOD OF ACCESS: Address request for data to system manager.

NAVY SYSTEM DESCRIPTION

SYSTEM TITLE: Ship Management Information System **ACRONYM:** SMIS

DOD ADPS/ADS/IDENTIFIER CODE: N526/N526/N63165Q604

REFERENCES: NAVCOSSACT ADP Catalog No. 553B102B

PARENT SYSTEM: Chief of Naval Operations Command/Management Information System

MANAGER: Program Planning Office, OCNO
Washington, D. C. 20350
Telephone: 695-0347 (Op-090A)

CONTACT POINT: Program Appraisal and Information Branch (Op-902)
General Planning and Programming Division
Program Planning Office, OCNO
Telephone: 695-0351

SUBJECT/FUNCTIONS: Ships/Budgeting, Determining Requirements

SYSTEM CHARACTERISTICS: The system maintains a current and comprehensive source of data pertaining to ship force levels, administrative organization, and mobilization of inactive ships of the U.S. Navy. It has the capability of projecting ship force levels over a specified period of time. The SMIS master file is the official planning and programming data file for approved force levels.

INTERFACES: Not indicated

USER: Program Appraisal and Information Branch (Op-902)
Program Planning Office, OCNO

INPUT SOURCE: Op-902

METHOD FOR ACCESSING: Address request for data to the system's contact point.

NAVY SYSTEM DESCRIPTION

SYSTEM TITLE: Shipping Information System **ACRONYM:** SIS

DOD ADPS/ADS/IDENTIFIER CODE: N526/N526/N63165Q666

REFERENCES: NAVCOSSACT ADP Catalog No. 553E301A

PARENT SYSTEM: Chief of Naval Operations Command/Management Information System

MANAGER: Commander, Military Sealift Command
4228 Wisconsin Avenue
Washington, D. C. 20390
Telephone: 282-2900 (AC of S Operations)

CONTACT POINT: Shipping Information System Coordinator (M-62b1)
ACOS (Plans, Programs, and Naval Control of Shipping)
Headquarters, Military Sealift Command
Telephone: 433-3633

SUBJECT/FUNCTIONS: Merchant Ships/Determining Requirements, Transporting

SYSTEM CHARACTERISTICS: The Shipping Information System (SIS) is a file management and information retrieval system designed to provide the Offices of the Departments of Defense, Commerce, and Transportation with reports and the answers to queries concerning the World's Merchant Ship Fleet based upon information maintained in an unclassified common data source. The data source contains records for approximately 30,000 merchant ships, 1,000 gross tons or over, from the free world and bloc countries. More than 100 items of descriptive information are maintained for each ship. Historically significant information is kept for ships existing in 1969, built subsequent to 1969, or currently under construction. Information includes such items as length, beam, year built, flag of registry, and speed.

INTERFACES: Not indicated

USERS: SIS Coordinator, Military Sealift Command (M-62b1)
DOD Staff Sections
DOT Staff Sections

INPUT SOURCE: Not indicated

METHOD FOR ACCESSING: Address request for data to the SIS Coordinator, Military Sealift Command, Bldg. 210, WNY, Tel: 433-3633

NAVY SYSTEM DESCRIPTION

SYSTEM TITLE: Strategic Capabilities Planning Support System
ACRONYM: SCAPSS

DOD ADPS/ADS/IDENTIFIER CODE: N526/N526/N63165Q403

REFERENCE: NAVCOSSACT ADP Catalog No. 551C201

PARENT SYSTEM: Chief of Naval Operations Command/Management Information System

MANAGER: Deputy Chief of Naval Operations
(Plans, Policy, and Operations)
Washington, D. C. 20350
Telephone: 695-4684 (Op-06A)

CONTACT POINT: Current Plans and Policy Branch (Op-601)
Strategic Plans Policy and Nuclear Systems
NSC Affairs Div.
ODCNO (Plans, Policy, and Operations)
Telephone: 697-7525

SUBJECT/FUNCTIONS: Materiel, Major Items/Analyzing Operations, Developing Plans

SYSTEM CHARACTERISTICS: Relates primarily to OPNAV actions in response to JCS deployment reporting (DEPREP) and Joint Operation Planning (JOPS) Systems. Consists of the DEPREP file and the Forces Summary File (FSF). The latter contains force assets data. DEPREP data consists of notional forces and force routing data which is provided to JCS by unified and specified commands when submitting operational plans for review. Input to the FSF consists of data from the Joint Strategic Capabilities Plan (JSCP), the Navy Capabilities Plan (NCP), Navy Support and Mobilization Plan (NSMP), and the Ship Planning System (SPS).

INTERFACES: Not indicated

USER: Current Plans and Policy Branch (Op-601)
ODCNO (Plans, Policy, and Operations)

INPUT SOURCES: JCS (DEPREP and JOPS), various Navy plans.

METHOD FOR ACCESSING: Address request to the system's contact point.

MARINE CORPS SYSTEM DESCRIPTION

SYSTEM TITLE: Joint Operation Planning System **ACRONYM:** JOPS

DOD ADPS/ADS/IDENTIFIER CODE: Not listed.

REFERENCES: JOPS Interim Software Systems Description (J-3 OP, 60-75/1) Draft Copy Nov. 1974

PARENT SYSTEM: None.

MANAGER: Deputy Chief of Staff for Plans and Operations
Headquarters, U.S. Marine Corps
Washington, D. C.
Telephone: 694-2503

CONTACT POINT: Director, Marine Corps Command Center
Systems Management Section/JOPS
Operations Division
Headquarters, U.S. Marine Corps
Telephone: 694-5030

SUBJECT/FUNCTIONS: Military Operations/Command, Control, Operations, Simulation

SYSTEMS CHARACTERISTICS: JOPS is a combined automated and manual system for the development of Joint Operation Plans which includes formulation, feasibility testing, evaluation, and execution planning and review. The Marine Corps JOPS is a subset of the Joint Chiefs of Staff (JCS) JOPS. Most applications take place at the CINC level with support and input from FMF planners. The Marine Corps does not maintain data bases but provides update changes to JCS/CINC data bases. JOPS has three operational models:

- Force Requirements Generator (FRG) - which builds notional force listings (strength, equipment, resupply) based on CINC/FMF inputs.
- Movement Requirements Generator (MRG) - which estimates the transportation requirements for force compositions constructed by the FRG.
- Transportation Feasibility Estimates (TFE) - which, through a Monte Carlo technique, analyzes and schedules the transportation requirements developed by the MRG.

To be included in the JOPS, but not yet operational, is a Medical Planning Module. This module will assist in determining all medical requirements, such as beds, blood, medical resupply, etc., to support a given CINC scenario. Since this module is in the planning stage there is no data base as yet. This module is being developed at the JCS level.

INTERFACES: Marine Air Ground Task Force (MAGTF) Lift Model
Table of Manpower Requirements (TMR)

USERS: JCS, CINC's, FMF HQS, Unified/Specified Commands, Transportation Operating Agencies (TOA).

INPUT SOURCES: CINC's and FMF HQS

METHOD FOR ACCESSING: Formal information related to Marine Corps input may be requested by letter to the system manager. Informal requests for information may be made by telephone to the system contact point. Access of data from the JCS maintained data base must be made to JCS(J-3).

MARINE CORPS SYSTEMS DESCRIPTION

SYSTEM TITLE: Marine Automated Readiness Evaluation Systems/Force Status and Identity Report **ACRONYM:** FORSTAT

DOD ADPS/ADS/IDENTIFIER CODE: M001/M320/MC30000000

REFERENCES: JCS Pub 6, Vol II, Part II

PARENT SYSTEM: None.

MANAGER: Deputy Chief of Staff for Plans and Operations
Headquarters, U.S. Marine Corps
Washington, D.C.
Telephone: 694-2503

CONTACT POINT: Director, Marine Corps Command Center
FORSTAT Section
Operations Division
Headquarters, U.S. Marine Corps
Telephone: 694-5030

SUBJECT/FUNTIONS: Military Operations/Command, Control, and Operations

SYSTEM CHARACTERISTICS: FORSTAT is an automated information system designed to meet force status and identity data required at the JCS and HQMC levels. The data base contains readiness status of individual units (battalions/squadrons, divisions/wings, and non-FMF) by four major categories--Personnel, Training, Equipment/Supplies, and Overall. Data are entered into the system by individual units utilizing 12 JCS card formats and 5 Marine Corps continuation card formats. Data base is updated monthly and as significant changes occur to unit readiness. The Marine Corps maintains a duplicate of the JCS data base and special data relating to Marine Corps units only, such as status of selected equipment/supplies by authorized number, number on-hand, and number operational.

INTERFACES: Table of Manpower Requirements (TMR)
Manpower Management System (MMS)
Reserve Personnel Management Information System (REPMIS)

USERS: HQMC, FMF units, JCS, DOD.

INPUT SOURCES: FMF; USMCR(0); non-FMF units outside CONUS; CMC.

METHOD OF ACCESS: Formal information related to Marine Corps input may be requested by letter to the system manager. Informal requests may be made by telephone to the system contact point. The system configuration does not permit online access of the data base. Marine Corps policy does not authorize file extracts by external agencies unless approved by the Commandant of the Marine Corps (DC/S Plans and Opns)

MARINE CORPS SYSTEM DESCRIPTION

SYSTEM TITLE: Marine Corps Management Information System

ACRONYM: MCMIS

DOD ADPS/ADS/INDENTIFIER CODE: M001/Not listed/Not listed.

REFERENCES: None.

PARENT SYSTEM: None.

MANAGER: Commandant of the Marine Corps
Headquarters, U.S. Marine Corps
Washington, D. C.

CONTACT POINT: Review and Analysis Section
Resource Management Branch
Information Systems Support and Management Division
Headquarters, U.S. Marine Corps
Telephone: 694-8041

SUBJECT/FUNCTIONS: Catalog/Systems identification

SYSTEM CHARACTERISTICS: This system is strictly a generic approach for grouping all Marine Corps systems under one title for inclusion and coding of systems in the DOD Catalog LSPC 3-70-1. Beyond this scope it has no utility. Information regarding the general nature of an existing system or those under development can be requested by letter or telephone from the contact point.

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

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18. SUPPLEMENTARY NOTES

None

19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

Navy and Marine Corps ADP Systems
Navy and Marine Corps Data Bases
Navy and Marine Corps Data Systems Documentation

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

A survey of Navy and Marine Corps operational data systems managed at the Department level was conducted. Documentation was prepared on selected systems with data bases which have potential for use by the Navy's Bureau of Medicine and Surgery (BUMED) in planning, programming and budgeting efforts. Recommendations for BUMED to maintain an inventory of systems documentations are presented.

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